



Connector Selection Guide

CELLFLEX® Foam Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Inner	Attachment Outer	Trimming Tool	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
SCF14-50 SERIES									
NFB-SCF14-005	N Female Bulkhead	O-ring	Silver/Gold	Basket	Self Clamp	TRIM-Series-B	50.3 (2.0)	22.1 (0.9)	0.10 (0.22)
NM-SCF14-003	N Male	O-ring	Brass/Silver	Soldered	Tab Flare	TRIM-Series-B	48.3 (1.9)	41.4 (1.6)	0.09 (0.20)
SMAF-SCF14-001	SMA Female	O-ring	Brass/Gold	Soldered	Tab Flare	TRIM-Series-B	46.0 (1.8)	13.2 (0.5)	0.07 (0.15)
SMAM-SCF14-002	SMA Male	O-ring	Brass/Silver	Soldered	Tab Flare	TRIM-Series-B	40.6 (1.6)	13.2 (0.5)	0.06 (0.14)
UHFF-SCF14-007	UHF Female	O-ring	Silver/Silver	Basket	Tab Flare	TRIM-Series-B	58.4 (2.3)	16.0 (0.6)	0.07 (0.15)
UHFM-SCF14-006	UHF Male Knurled nut	O-ring	Silver/Silver	Basket	Tab Flare	TRIM-Series-B	58.4 (2.3)	20.3 (0.8)	0.09 (0.20)
716F-SCF14-001	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	40.0 (1.6)	29.0 (1.2)	0.09 (0.20)
716M-SCF14-001	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	41.0 (1.6)	37.0 (1.5)	0.11 (0.25)
NF-SCF14-001	N Female	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	28.0 (1.1)	16.0 (0.6)	0.04 (0.09)
NF-SCF14-035	N Female	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	28.0 (1.1)	16.0 (0.6)	0.04 (0.09)
NM-SCF14-001	N Male	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	36.5 (1.4)	21.0 (0.8)	0.05 (0.12)
NM-SCF14-035	N Male	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	26.5 (1.1)	37.0 (1.5)	0.05 (0.12)
NMR-SCF14-045	N Male Right Angle	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	36.2 (1.4)	16.0 (0.6)	0.07 (0.15)
TNCF-SCF14-001	TNC Female	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	35.0 (1.4)	16.0 (0.7)	0.04 (0.01)
TNCM-SCF14-001	TNC Male	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	34.0 (1.4)	16.0 (0.7)	0.04 (0.01)
BNCM-SCF14-040	BNC Male	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	35.5 (1.4)	18.0 (0.7)	0.04 (0.01)
SCF38-50 SERIES									
NM-SCF38-070	N Male	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	52.4 (2.06)	21.0 (0.8)	0.08 (0.18)
NM-SCF38-075	N Male	Threaded Gasket	Silver/Gold	Basket	Tab Flare	TRIM-Series-A	52.4 (2.06)	21.0 (0.83)	0.08 (0.18)
716F-SCF38-001	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	47.0 (1.9)	29.0 (1.2)	0.13 (0.29)
716M-SCF38-001	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	47.0 (1.9)	37.0 (1.5)	0.11 (0.25)
716MR-SCF38-041	7-16 DIN Male Right Angle	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	42.7 (1.7)	37.0 (1.5)	0.20 (0.45)
716MR-SCF38-071	7-16 DIN Male Right Angle	O-ring	Silver/Silver	Basket	Crush Flare	TRIM-Series-A	50 (1.9)	31.8 (1.2)	0.20 (0.45)
NF-SCF38-002	N Female	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	36.5 (1.4)	16.0 (0.6)	0.04 (0.09)
NF-SCF38-070	N Female	Shrinking Sleeve	Silver/Silver	Basket	Crush Flare	TRIM-Series-A	44.2 (1.7)	21 (0.8)	0.08 (0.18)
NF-SCF38-075	N Female	Shrinking Sleeve	Silver/Gold	Basket	Crush Flare	TRIM-Series-A	44.2 (1.7)	21 (0.8)	0.08 (0.18)
NMR-SCF38-071	N Male Right Angle	Shrinking Sleeve	Silver/Gold	Basket	Crush Flare	TRIM-Series-A	41.8 (1.6)	31.8 (1.2)	0.20 (0.45)
SCF12-50 SERIES									
UHFF-SCF12-003	UHF Female	O-ring	Silver/Silver	Basket	Tab Flare	TRIM-Series-B	68.6 (2.7)	22.1 (0.9)	0.10 (0.23)
UHFM-SCF12-002	UHF Male Knurled nut	O-ring	Brass/Silver	Soldered	Tab Flare	TRIM-Series-B	66.0 (2.6)	22.1 (0.9)	0.10 (0.23)
716F-SCF12-070	7-16 DIN Female	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	60.5 (2.4)	29.0 (1.2)	0.13 (0.29)
716M-SCF12-070	7-16 DIN Male	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	60.0 (2.4)	37.0 (1.5)	0.13 (0.29)
716MR-SCF12-071	7-16 DIN Male Right Angle	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	43.2 (1.7)	37.0 (1.5)	0.21 (0.47)
NF-SCF12-070	N Female	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	59.2 (2.3)	23.8 (0.9)	0.10 (0.2)
NM-SCF12-070	N Male	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	60.0 (2.4)	23.8 (0.9)	0.10 (0.2)
NMR-SCF12-071	N Male Right Angle	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	44.8 (1.8)	23.8 (0.9)	0.12 (0.27)
4195M-SCF12-001	4.1-9.5 DIN Male	Shrinking Sleeve	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	47.0 (1.9)	25.0 (1.0)	0.089 (0.20)
NM-SCF12-075	N Male	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	60.0 (2.4)	23.8 (0.9)	0.10 (0.2)
78EIA-SCF12-070	7/8" EIA RAPID FIT	Threaded Gasket	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	90 (3.5)	57 (2.2)	0.67 (1.48)
TNCF-SCF12-001	TNC Female	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	38.4 (1.5)	23.0 (0.9)	0.99 (2.18)
TNCM-SCF12-001	TNC Male	Shrinking Sleeve	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	49.2 (1.9)	23.0 (0.9)	0.10 (0.22)
UCF78-50A SERIES									
716F-LCF78-062	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	35.0 (1.4)	0.22 (0.49)
716M-LCF78-062	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	66.0 (2.6)	37.0 (1.5)	0.22 (0.49)
716M-LCF78-066	7-16 DIN Male Right angle	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	61.0 (2.4)	37.0 (1.5)	0.30 (0.66)
NF-LCF78-062	N Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	55.0 (2.2)	35.0 (1.4)	0.15 (0.34)
NM-LCF78-062	N Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	65.6 (2.6)	35.0 (1.4)	0.15 (0.34)
78EIA-LCF78-062	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Self Tapping	Spring Finger	TRIM-Series-A	76.5 (3.0)	57.0 (2.3)	0.38 (0.85)
158EIA-LCF78-062	1-5/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	110.0 (4.3)	90.0 (3.6)	0.95 (2.10)
HNLM-LCF78-062	HN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	69.4 (2.7)	34.8 (1.4)	0.18 (0.40)
716F-LCF78-072	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	61.0 (2.4)	35.0 (1.4)	0.22 (0.49)
716F-LCF78-020	7-16 DIN Female RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	56 (2.21)	35.8 (1.41)	0.20 (0.43)
716M-LCF78-072	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	66.0 (2.6)	37.0 (1.5)	0.22 (0.49)
716M-LCF78-020	7-16 DIN Male RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	52.1 (2.05)	36.5 (1.44)	0.21 (0.46)
716M-LCF78-076	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	61.0 (2.4)	37.0 (1.5)	0.30 (0.66)
NF-LCF78-072	N Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	55.0 (2.2)	35.0 (1.4)	0.20 (0.45)
NF-LCF78-020	N Female RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	44.5 (1.75)	35.8 (1.41)	0.18 (0.39)
NM-LCF78-072	N Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	65.6 (2.6)	35.0 (1.4)	0.15 (0.34)

Connector Selection Guide

CELLFLEX® Foam Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Inner	Attachment Outer	Trimming Tool	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
UCF78-50A SERIES CONT'D									
NM-LCF78-020	N Male RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	57.5 (2.26)	35.8 (1.41)	0.18 (0.39)
716F-LCF78-026	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	59.2 (2.3)	37.0 (1.5)	0.12 (0.27)
716M-LCF78-026	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	59.2 (2.3)	37.0 (1.5)	0.12 (0.27)
UCF114-50A SERIES									
716F-LCF114-062	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Self Flare	TRIM-Series-A	68.0 (2.7)	48.0 (1.9)	0.42 (0.93)
716M-LCF114-062	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	72.0 (2.8)	48.0 (1.9)	0.42 (0.93)
NF-LCF114-062	N Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	48.0 (1.9)	0.45 (1.00)
NM-LCF114-062	N Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	76.1 (3.0)	48.0 (1.9)	0.44 (0.98)
78EIA-LCF114-062	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	57.0 (2.3)	0.54 (1.20)
158EIA-LCF114-062	1-5/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	86.0 (3.4)	90.0 (3.6)	0.42 (0.93)
716F-LCF114-072	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	68.0 (2.7)	48.0 (1.9)	0.45 (1.00)
716M-LCF114-072	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	72.0 (2.8)	48.0 (1.9)	0.45 (1.00)
NF-LCF114-072	N Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	48.0 (1.9)	0.48 (1.06)
NM-LCF114-072	N Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	76.3 (3.0)	48.0 (1.9)	0.48 (1.06)
716F-LCF114-026	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	89.1 (3.51)	40.36 (1.6)	0.14 (0.31)
716M-LCF114-026	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	85.3 (3.4)	41.0 (1.6)	0.14 (0.31)
LCF14-50 SERIES									
716M-LCF14-070	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	48.0 (1.9)	37.0 (1.5)	0.06 (0.14)
NF-LCF14-070	N Female RAPID FIT	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	39.0 (1.5)	16.0 (0.6)	0.05 (0.12)
NFS-LCF14-071	N Female RAPID FIT, Panel mount	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	39.0 (1.5)	20.0 (0.8)	0.05 (0.11)
NM-LCF14-070	N Male RAPID FIT	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	47.1 (1.9)	22.0 (0.9)	0.05 (0.12)
NMR-LCF14-075	N Male Right angle	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	34.0 (1.3)	22.0 (0.9)	0.05 (0.12)
TNCM-LCF14-070	TNC Male RAPID FIT	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	45.2 (1.8)	16.0 (0.6)	0.05 (0.12)
TNCMR-LCF14-075	TNC Male Right angle	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	33.5 (1.3)	16.0 (0.6)	0.05 (0.12)
LCF38-50 SERIES									
716F-LCF38-070	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	56.0 (2.2)	29.0 (1.2)	0.11 (0.25)
716M-LCF38-070	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	55.0 (2.2)	37.0 (1.5)	0.11 (0.25)
NF-LCF38-070	N Female RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	45.0 (1.8)	18.0 (0.7)	0.08 (0.18)
NM-LCF38-070	N Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	53.1 (2.1)	22.0 (0.9)	0.08 (0.18)
NM-LCF38-015	N Male RAPID FIT Indoor	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	52.5 (2.1)	21.2 (0.8)	0.08 (0.18)
NMR-LCF38-071	N Male Right angle	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	51.6 (2.0)	22.0 (0.9)	0.10 (0.23)
78EIA-LCF38-001	7/8" EIA	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	83.5 (3.3)	57.0 (2.3)	0.27 (0.59)
TNCM-LCF38-075	TNC Male RAPID FIT	O-ring	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	54.2 (2.1)	18.0 (0.7)	0.05 (0.12)
LCF12-50 SERIES									
716F-LCF12-060	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	57.0 (2.3)	29.0 (1.2)	0.13 (0.29)
716M-LCF12-060	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	58.0 (2.3)	37.0 (1.5)	0.16 (0.36)
716MR-LCF12-061	7-16 DIN Male Right angle	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	43.2 (1.7)	37.0 (1.5)	0.19 (0.42)
NF-LCF12-060	N Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	50.0 (2.0)	22.0 (0.9)	0.10 (0.23)
NF-LCF12-011	N Female Panel mount	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	51.0 (2.0)	34.0 (1.3)	0.19 (0.42)
NF-LCF12-065	N Female RAPID FIT	Plast 2000	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	55.0 (2.2)	22.0 (0.9)	0.10 (0.22)
NM-LCF12-060	N Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	58.6 (2.3)	22.0 (0.9)	0.11 (0.25)
NM-LCF12-061	N Male Right angle	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	45.4 (1.8)	22.0 (0.9)	0.15 (0.34)
NM-LCF12-065	N Male RAPID FIT	Plast 2000	Silver/Gold	Basket	Spring Finger	TRIM-Series-A	65.0 (2.6)	22.0 (0.9)	0.11 (0.25)
4195F-LCF12-060	4.1-9.5 Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	51.0 (2.0)	22.0 (0.9)	0.11 (0.25)
4195M-LCF12-060	4.1-9.5 Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	51.6 (2.0)	25.0 (1.0)	0.12 (0.27)
78EIA-LCF12-060	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	85.0 (3.4)	57.0 (2.3)	0.28 (0.62)
UHFF-LCF12-060	UHF Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	61.0 (2.4)	22.0 (0.9)	0.10 (0.23)
UHFM-LCF12-060	UHF Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	59.2 (2.3)	22.0 (0.9)	0.10 (0.23)
716F-LCF12-070	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	57.0 (2.3)	29.0 (1.2)	0.15 (0.34)
716F-LCF12-072	7-16 DIN Female Bulkhead	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	57.0 (2.3)	48 (1.9)	0.15 (0.34)
716M-LCF12-070	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	58.0 (2.3)	37.0 (1.5)	0.15 (0.34)
716M-LCF12-071	7-16 DIN Male Right angle	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	43.2 (1.7)	37.0 (1.5)	0.19 (0.42)
NF-LCF12-070	N Female RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	50.0 (2.0)	22.0 (0.9)	0.11 (0.25)
NM-LCF12-070	N Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	58.6 (2.3)	22.0 (0.9)	0.11 (0.25)
NM-LCF12-071	N Male Right angle	O-ring	Silver/Silver	Basket	Spring Finger	TRIM-Series-A	45.4 (1.8)	22.0 (0.9)	0.18 (0.40)
78EIA-LCF12-002	7/8" EIA	O-ring	Brass/Silver	Basket	Self Flare	TRIM-Series-B	86.4 (3.4)	25.4 (1.0)	0.17 (0.38)
UHFF-LCF12-001	UHF Female	O-ring	Brass/Silver	Basket	Self Flare	TRIM-Series-B	81.3 (3.2)	25.4 (1.0)	0.18 (0.40)
UHFM-LCF12-001	UHF Male Knurled nut	O-ring	Brass/Silver	Basket	Self Flare	TRIM-Series-B	78.7 (3.1)	25.4 (1.0)	0.17 (0.38)
C-LCF12-002	Splice	O-ring	Brass/Silver	Basket	Self Flare	TRIM-Series-B	91.4 (3.6)	25.4 (1.0)	0.18 (0.40)
C-LCF12-011	Splice, Indoor	N/A	Silver/Silver	Basket	Spring Finger	TRIM-Series-B	81 (3.2)	23.8 (0.9)	0.42 (0.93)

Connector Selection Guide

CELLFLEX® Foam Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Attachment Inner	Contact Attachment Outer	Trimming Tool	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
LCF58-50A SERIES									
NF-LCF58-070	N Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	52.5 (2.07)	28.0 (1.10)	0.15 (0.33)
NM-LCF58-070	N Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.44)	28.0 (1.10)	0.14 (0.31)
LCF78-50A-A* SERIES									
716F-LCF78-062	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	35.0 (1.4)	0.22 (0.49)
716M-LCF78-062	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	66.0 (2.6)	37.0 (1.5)	0.22 (0.49)
716MR-LCF78-066	7-16 DIN Male Right angle	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	61.0 (2.4)	37.0 (1.5)	0.30 (0.66)
NF-LCF78-062	N Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	55.0 (2.2)	35.0 (1.4)	0.15 (0.34)
NM-LCF78-062	N Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	65.6 (2.6)	35.0 (1.4)	0.15 (0.34)
78EIA-LCF78-062	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Self Tapping	Spring Finger	TRIM-Series-A	76.5 (3.0)	57.0 (2.3)	0.38 (0.85)
158EIA-LCF78-062	1-5/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	110.0 (4.3)	90.0 (3.6)	0.95 (2.10)
HNM-LCF78-062	HN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger		69.4 (2.7)	34.8 (1.4)	0.18 (0.40)
716F-LCF78-072	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	61.0 (2.4)	35.0 (1.4)	0.22 (0.49)
716F-LCF78-020	7-16 DIN Female RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	56 (2.21)	35.8 (1.41)	0.20 (0.43)
716M-LCF78-072	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	66.0 (2.6)	37.0 (1.5)	0.22 (0.49)
716M-LCF78-020	7-16 DIN Male RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	52.1 (2.05)	36.5 (1.44)	0.21 (0.46)
716M-LCF78-076	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	61.0 (2.4)	37.0 (1.5)	0.30 (0.66)
NF-LCF78-072	N Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	55.0 (2.2)	35.0 (1.4)	0.20 (0.45)
NF-LCF78-020	N Female RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	44.5 (1.75)	35.8 (1.41)	0.18 (0.39)
NM-LCF78-072	N Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	65.6 (2.6)	35.0 (1.4)	0.15 (0.34)
NM-LCF78-020	N Male RAPID FIT 2	O-ring	Silver/Silver	Spring Finger	CAF Clamping	TRIM-Series-D	57.5 (2.26)	35.8 (1.41)	0.18 (0.39)
716F-LCF78-026	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	59.2 (2.3)	37.0 (1.5)	0.12 (0.27)
716M-LCF78-026	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	59.2 (2.3)	37.0 (1.5)	0.12 (0.27)
LCFS114-50A SERIES									
716F-LCF114-062	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Self Flare	TRIM-Series-A	68.0 (2.7)	48.0 (1.9)	0.42 (0.93)
716M-LCF114-062	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	72.0 (2.8)	48.0 (1.9)	0.42 (0.93)
NF-LCF114-062	N Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	48.0 (1.9)	0.45 (1.00)
NM-LCF114-062	N Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	76.1 (3.0)	48.0 (1.9)	0.44 (0.98)
78EIA-LCF114-062	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	57.0 (2.3)	0.54 (1.20)
158EIA-LCF114-062	1-5/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	86.0 (3.4)	90.0 (3.6)	0.42 (0.93)
716F-LCF114-072	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	68.0 (2.7)	48.0 (1.9)	0.45 (1.00)
716M-LCF114-072	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	72.0 (2.8)	48.0 (1.9)	0.45 (1.00)
NF-LCF114-072	N Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	62.0 (2.5)	48.0 (1.9)	0.48 (1.06)
NM-LCF114-072	N Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	76.3 (3.0)	48.0 (1.9)	0.48 (1.06)
716F-LCF114-026	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	89.1 (3.51)	40.36 (1.6)	0.14 (0.31)
716M-LCF114-026	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	85.3 (3.4)	41.0 (1.6)	0.14 (0.31)
LCF158-50A SERIES									
716F-LCF158-062	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	84.0 (3.3)	60.0 (2.4)	0.65 (1.44)
716M-LCF158-062	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	89.0 (3.5)	60.0 (2.4)	0.67 (1.48)
NF-LCF158-062	N Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	77.0 (3.0)	60.0 (2.4)	0.66 (1.46)
NM-LCF158-062	N Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	88.6 (3.5)	60.0 (2.4)	0.67 (1.48)
78EIA-LCF158-062	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	105 (4.1)	59.5 (2.3)	0.70 (1.55)
158EIA-LCF158-062	1-5/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	99.0 (3.9)	90.0 (3.6)	1.18 (2.61)
716F-LCF158-072	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	84.0 (3.3)	60.0 (2.4)	0.73 (1.61)
716M-LCF158-072	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	89.0 (3.5)	60.0 (2.4)	0.70 (1.55)
NF-LCF158-072	N Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	77.0 (3.0)	60.0 (2.4)	0.71 (1.57)
NM-LCF158-072	N Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	88.6 (3.5)	60.0 (2.4)	0.67 (1.48)
78EIA-LCF158-003	7/8" EIA	O-ring	Brass/Brass	Self Tapping	Tab Flare		113.1 (4.45)	63.1 (2.48)	0.70 (1.55)
716F-LCF158-026	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	94.0 (3.7)	51.8 (2.0)	0.15 (0.34)
716M-LCF158-026	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	90.2 (3.6)	51.0 (2.0)	0.15 (0.34)
716M-LCF158-008	7-16 DIN Male Indoor Quick Clamp	N/A	Silver/Silver	Spring Finger	Spring Finger	TRIM-114-C06	118 (4.6)	78 (3.1)	1.00 (2.21)
LCF214-50A-P* SERIES									
716F-LCF214-062	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	98.0 (3.9)	70.0 (2.8)	1.00 (2.21)
716M-LCF214-062	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	98.0 (3.9)	70.0 (2.8)	1.00 (2.21)
716F-LCF214-072	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	98.6 (3.9)	70.0 (2.8)	1.00 (2.21)
716M-LCF214-072	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Spring Finger	Spring Finger	TRIM-Series-A	98.0 (3.9)	70.0 (2.8)	1.00 (2.21)
716F-LCF214-025	7-16 DIN Female	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	98.5 (3.88)	60.0 (2.4)	0.18 (0.40)
716M-LCF214-025	7-16 DIN Male	Shrinking Sleeve	Silver/Silver	Soldered	Soldered	TRIM-Series-C	94.7 (3.7)	60.0 (2.4)	0.18 (0.40)

Connector Selection Guide

RG Type Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Inner	Attachment Outer	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
RGC-08 BRAIDED CABLE SOLDERED SERIES								
NM-RGC8-1	N Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp	38 (1.49)	20.8 (0.82)	0.060 (0.132)
NF-RGC8-1	N Female, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp	38 (1.49)	19.0 (0.75)	0.060 (0.132)
NMR-RGC8-213-1	N Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp	36 (1.42)	20.8 (0.82)	0.090 (0.198)
RGC-213 BRAIDED CABLE SOLDERED SERIES								
NM-RGC213-1	N Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp	38 (1.49)	20.8 (0.82)	0.060 (0.132)
NF-RGC213-1	N Female, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp	38 (1.49)	19.0 (0.75)	0.060 (0.132)
NMR-RGC8-213-1	N Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp	36 (1.42)	20.8 (0.82)	0.090 (0.198)
RGC-213/08 BRAIDED CABLE BASKET CLAMP SERIES								
NM-RGC8-213-3	N Male, Spring Finger Inner Contact	O-ring	Silver/Silver	Spring Finger	Clamp	38 (1.49)	20.8 (0.82)	0.048 (0.106)
NF-RGC8-213-3	N Female, Spring Finger Inner Contact	O-ring	Silver/Silver	Spring Finger	Clamp	38 (1.49)	19.5 (0.77)	0.046 (0.101)
NMR-RGC8-213-3	N Male, Right angle, Spring Finger Inner Contact	O-ring	Silver/Silver	Spring Finger	Clamp	32.8 (1.29)	20.8 (0.82)	0.080 (0.176)
RG-213 BRAIDED CABLE SOLDERED SERIES								
NM-RG213-1	N Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp	38 (1.49)	20.8 (0.82)	0.060 (0.132)
NF-RG213-1	N Female, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp	38 (1.49)	19.0 (0.75)	0.060 (0.132)
NMR-RG213-1	N Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp	36 (1.42)	20.8 (0.82)	0.090 (0.198)
RG-214 BRAIDED CABLE SOLDERED SERIES								
NM-RG214-1	N Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
NMR-RG214-1	N Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
716M-RG214-1	7-16 DIN Female, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
716MR-RG214-1	7-16 DIN Female, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
RG-223 BRAIDED CABLE SOLDERED SERIES								
TNCM-RG223-1	TNC Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
TNCMR-RG223-1	TNC Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
SMAM-RG223-1	SMA Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
SMAMR-RG223-1	SMA Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
RG-174 BRAIDED CABLE SOLDERED SERIES								
TNCM-RG174-1	TNC Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
TNCMR-RG174-1	TNC Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
SMAM-RG174-1	SMA Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
SMAMR-RG174-1	SMA Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
RG-58 BRAIDED CABLE SOLDERED SERIES								
TNCM-RG58-1	TNC Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
TNCMR-RG58-1	TNC Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
SMAM-RG58-1	SMA Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
SMAMR-RG58-1	SMA Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
RGC-58 BRAIDED CABLE SOLDERED SERIES								
TNCM-RGC58-1	TNC Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
TNCMR-RGC58-1	TNC Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			
SMAM-RGC58-1	SMA Male, Soldered Inner Contact	O-ring	Silver/Silver	Soldered	Clamp			
SMAMR-RGC58-1	SMA Male, Soldered Inner Contact, Right angle	O-ring	Silver/Silver	Soldered	Clamp			

Connector Selection Guide

HELIFLEX® Air-Dielectric Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Inner	Attachment Outer	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
HCA38-50 SERIES								
716F-HCA38-020	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	61 (2.40)	29 (1.14)	0.15 (0.33)
716M-HCA38-020	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	60 (2.36)	36.5 (1.44)	0.16 (0.35)
NF-HCA38-020	N Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	68 (2.68)	25 (0.98)	0.15 (0.33)
NM-HCA38-020	N Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	66 (2.60)	25 (0.98)	0.14 (0.31)
78EIA-HCA38-020	7/8" EIA Female Gas Pass	Plast 2000	Silver/Silver	Tapping	Tab Flare	57 (2.24)	25 (0.98)	0.38 (0.84)
HCA12-50 SERIES								
716F-LCF12-060	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	57.0 (2.3)	29.0 (1.2)	0.13 (0.29)
716M-LCF12-060	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	58.0 (2.3)	37.0 (1.5)	0.16 (0.36)
716MR-LCF12-061	7-16 DIN Male Right angle	Plast 2000	Silver/Silver	Basket	Spring Finger	43.2 (1.7)	37.0 (1.5)	0.19 (0.42)
NF-LCF12-060	N Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	50.0 (2.0)	22.0 (0.9)	0.10 (0.23)
NFS-LCF12-011	N Female Panel mount	Plast 2000	Silver/Silver	Basket	Spring Finger	51.0 (2.0)	34.0 (1.3)	0.19 (0.42)
NF-LCF12-065	N Female RAPID FIT	Plast 2000	Silver/Gold	Basket	Spring Finger	55.0 (2.2)	22.0 (0.9)	0.10 (0.22)
NM-LCF12-060	N Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	58.6 (2.3)	22.0 (0.9)	0.11 (0.25)
NMR-LCF12-061	N Male Right angle	Plast 2000	Silver/Silver	Basket	Spring Finger	45.4 (1.8)	22.0 (0.9)	0.15 (0.34)
NM-LCF12-065	N Male RAPID FIT	Plast 2000	Silver/Gold	Basket	Spring Finger	65.0 (2.6)	22.0 (0.9)	0.11 (0.25)
4195F-LCF12-060	4.1-9.5 Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	51.0 (2.0)	22.0 (0.9)	0.11 (0.25)
4195M-LCF12-060	4.1-9.5 Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	51.6 (2.0)	25.0 (1.0)	0.12 (0.27)
78EIA-LCF12-060	7/8" EIA RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	85.0 (3.4)	57.0 (2.3)	0.28 (0.62)
UHFF-LCF12-060	UHF Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	61.0 (2.4)	22.0 (0.9)	0.10 (0.23)
UHFM-LCF12-060	UHF Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Spring Finger	59.2 (2.3)	22.0 (0.9)	0.10 (0.23)
716F-LCF12-070	7-16 DIN Female RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	57.0 (2.3)	29.0 (1.2)	0.15 (0.34)
716FB-LCF12-072	7-16 DIN Female Bulkhead	O-ring	Silver/Silver	Basket	Spring Finger	57.0 (2.3)	48 (1.9)	0.15 (0.34)
716M-LCF12-070	7-16 DIN Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	58.0 (2.3)	37.0 (1.5)	0.15 (0.34)
716MR-LCF12-071	7-16 DIN Male Right angle	O-ring	Silver/Silver	Basket	Spring Finger	43.2 (1.7)	37.0 (1.5)	0.19 (0.42)
NF-LCF12-070	N Female RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	50.0 (2.0)	22.0 (0.9)	0.11 (0.25)
NM-LCF12-070	N Male RAPID FIT	O-ring	Silver/Silver	Basket	Spring Finger	58.6 (2.3)	22.0 (0.9)	0.11 (0.25)
NMR-LCF12-071	N Male Right angle	O-ring	Silver/Silver	Basket	Spring Finger	45.4 (1.8)	22.0 (0.9)	0.18 (0.40)
78EIA-LCF12-002	7/8" EIA	O-ring	Brass/Silver	Basket	Self Flare	86.4 (3.4)	25.4 (1.0)	0.17 (0.38)
UHFF-LCF12-001	UHF Female	O-ring	Brass/Silver	Basket	Self Flare	81.3 (3.2)	25.4 (1.0)	0.18 (0.40)
UHFM-LCF12-001	UHF Male Knurled nut	O-ring	Brass/Silver	Basket	Self Flare	78.7 (3.1)	25.4 (1.0)	0.17 (0.38)
C-LCF12-002	Splice	O-ring	Brass/Silver	Basket	Self Flare	91.4 (3.6)	25.4 (1.0)	0.18 (0.40)
C-LCF12-011	Splice, Indoor	N/A	Silver/Silver	Basket	Spring Finger	81 (3.2)	23.8 (0.9)	0.42 (0.93)
HCA58-50 SERIES								
716M-HCA58-020	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	72 (2.84)	36.5 (1.44)	0.25 (0.55)
NF-HCA58-020	N Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	92 (3.62)	33 (1.30)	0.25 (0.55)
NM-HCA58-020	N Male RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	95 (3.74)	33 (1.30)	0.26 (0.57)
78EIA-HCA58-020	7/8" EIA Female RAPID FIT	Plast 2000	Silver/Silver	Basket	Threaded	107 (4.21)	57.2 (2.25)	0.49 (1.08)
HCA78-50 SERIES								
716F-HCA78-020	7-16 DIN Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Threaded	72 (2.84)	39.5 (1.55)	0.33 (0.73)
716M-HCA78-020	7-16 DIN Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Threaded	74 (2.91)	39.5 (1.55)	0.40 (0.88)
NF-HCA78-020	N Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Threaded	77 (3.03)	39.5 (1.55)	0.33 (0.73)
NM-HCA78-020	N Male RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Threaded	80 (3.15)	39.5 (1.55)	0.34 (0.75)
78EIA-HCA78-020	7/8" EIA Female RAPID FIT	Plast 2000	Silver/Silver	Spring Finger	Threaded	91 (3.58)	57.2 (2.25)	0.54 (1.19)
CP-HCA78-001	Splice Gas Pass	Plast 2000	Silver/Silver	Tapping	Tab Flare	90 (3.54)	42 (1.65)	0.50 (1.10)
NF-HCA78-001	N Female	O-ring	Brass/Silver	Self Tapping	Tab Flare	99 (3.9)	36 (1.4)	0.4 (0.85)
NFT-HCA78-002	N Female Tunable	O-ring	Brass/Silver	Self Tapping	Tab Flare	188 (7.4)	46 (1.8)	1.0 (2.25)
NM-HCA78-001	N Male	O-ring	Brass/Silver	Self Tapping	Tab Flare	99 (3.9)	36 (1.4)	0.4 (0.85)
NM-HCA78-002	N Male	O-ring	Silver/Gold	Self Tapping	Self Flare	99 (3.9)	36 (1.4)	0.4 (0.85)
NMT-HCA78-002	N Male Tunable	O-ring	Brass/Silver	Self Tapping	Tab Flare	188 (7.4)	46 (1.8)	1.0 (2.25)
78EIA-HCA78-001	7/8" EIA Gas Barrier	O-ring	Brass/Silver	Self Tapping	Tab Flare	89 (3.5)	36 (1.4)	0.5 (1.2)
78EIA-HCA78-001	7/8" EIA Gas Pass	O-ring	Brass/Silver	Self Tapping	Tab Flare	89 (3.5)	36 (1.4)	0.6 (1.3)
CP-HCA78-005	Splice	O-ring	Brass/Brass	Self Tapping	Tab Flare	137 (5.4)	36 (1.4)	0.6 (1.3)
HCA118-50 SERIES								
716F-HCA118-001	7-16 DIN Female Gas Barrier	Plast 2000	Silver/Silver	Plug Finger	Tab Flare	102 (4.02)	59 (2.32)	1.07 (2.36)
NF-HCA118-001	N Female Gas Barrier	Plast 2000	Silver/Silver	Plug Finger	Tab Flare	115 (4.53)	59 (2.32)	1.10 (2.43)
NM-HCA118-001	N Male Gas Barrier	Plast 2000	Silver/Silver	Plug Finger	Tab Flare	115 (4.53)	59 (2.32)	1.18 (2.60)
78EIA-HCA118-001	7/8" EIA Female Gas Barrier	Plast 2000	Silver/Silver	Plug Finger	Tab Flare	117 (4.61)	59 (2.32)	1.32 (2.91)
158EIA-HCA118-001	1-5/8" EIA Female Gas Barrier	Plast 2000	Silver/Silver	Plug Finger	Tab Flare	128 (5.04)	59 (2.32)	1.75 (3.86)

Connector Selection Guide

HELIFLEX® Air-Dielectric Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Attachment Inner	Contact Attachment Outer	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
HCA158-50 SERIES								
716F-HCA158-001	7-16 DIN Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	150 (5.91)	74 (2.91)	1.67 (3.68)
716M-HCA158-001	7-16 DIN Male Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	150 (5.91)	74 (2.91)	1.67 (3.68)
NM-HCA158-001	N Male Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	163 (6.42)	74 (2.91)	2.00 (4.41)
158EIA-HCA158-001	1-5/8" EIA Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	152 (5.98)	90 (3.54)	2.11 (4.65)
CP-HCA158-004	Splice Gas Pass	Plast 2000	Silver/Silver	Threaded	Tab Flare	215 (8.47)	80 (3.15)	1.70 (3.75)
NF-HCA158-001	N Female	O-ring	Silver/Gold	Threaded	Tab Flare	135 (5.31)	63 (2.5)	1.4 (3.0)
NF-HCA158-002	N Female	O-ring	Brass/Silver	Threaded	Tab Flare	135 (5.31)	63 (2.5)	1.4 (3.0)
NM-HCA158-002	N Male	O-ring	Brass/Silver	Threaded	Tab Flare	133 (5.25)	63 (2.5)	1.4 (3.0)
78EIA-HCA158-001	7/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	105 (4.14)	63 (2.5)	1.81 (4.0)
78EIA-HCA158-001	7/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	105 (4.14)	63 (2.5)	1.81 (4.0)
158EIA-HCA158-002	1-5/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	116 (4.55)	89 (3.5)	1.91 (4.2)
158EIA-HCA158-001	1-5/8" EIA Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	116 (4.55)	89 (3.5)	1.91 (4.2)
CP-HCA158-005	Splice	O-ring	Brass/Brass	Threaded	Tab Flare	123 (4.83)	63 (2.5)	1.95 (4.3)
HCA214-50 SERIES								
NF-HCA214-001	N Female	O-ring	Silver/Gold	Threaded	Tab Flare	135.3 (5.32)	73 (2.88)	1.63 (3.6)
78EIA-HCA214-001	7/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	105 (4.14)	73 (2.88)	1.77 (3.9)
78EIA-HCA214-001	7/8" EIA Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	105 (4.14)	73 (2.88)	1.77 (3.9)
158EIA-HCA214-001	1-5/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	115.6 (4.55)	89.4 (3.52)	1.68 (3.7)
158EIA-HCA214-001	1-5/8" EIA Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	115.6 (4.55)	89.4 (3.52)	1.68 (3.7)
318EIA-HCA214-001	3-1/8" EIA Female Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	127 (5)	136.8 (5.2)	1.81 (4.0)
318EIA-HCA214-001	3-1/8" EIA Female Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	127 (5)	136.8 (5.2)	1.81 (4.0)
CP-HCA214-005	Splice	O-ring	Brass/Brass	Threaded	Tab Flare	122.6 (4.83)	73 (2.88)	1.72 (3.8)
HCA295-50 SERIES								
158EIA-HCA295-002	1-5/8" EIA Female	Plast 2000	Silver/Silver	Threaded	Tab Flare	170 (6.69)	119 (4.69)	4.00 (8.82)
318EIA-HCA295-001	3-1/8" EIA Female	Plast 2000	Silver/Silver	Threaded	Tab Flare	175 (6.89)	131 (5.2)	4.80 (10.58)
CP-HCA295-003	Splice Gas Pass	Plast 2000	Silver/Silver	Threaded	Tab Flare	252 (9.92)	119 (4.69)	4.30 (9.48)
HCA300-50 SERIES								
318EIA-HCA300-005	3-1/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	203 (8.0)	131 (5.2)	4.60 (10.15)
318EIA-HCA300-001	3-1/8" EIA Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	201 (7.9)	131 (5.2)	4.60 (10.15)
CP-HCA300-005	Splice	O-ring	Brass/Brass	Threaded	Tab Flare	191 (7.5)	114 (4.5)	4.58 (10.10)
HCA318-50 SERIES								
158EIA-HCA318-001	1-5/8" EIA	Plast 2000	Silver/Silver	Threaded	Tab Flare	200 (7.87)	128 (5.04)	3.50 (7.72)
CP-HCA318-001	Splice Gas Pass	Plast 2000	Silver/Silver	Threaded	Tab Flare	214 (8.43)	128 (5.04)	1.10 (2.43)
318EIA-HCA318-001	3-1/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	155 (6.1)	127 (5)	4.76 (10.5)
318EIA-HCA318-002	3-1/8" EIA Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	155 (6.1)	127 (5)	4.76 (10.5)
318EIA-HCA318-001	3-1/8" EIA Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	155 (6.1)	127 (5)	4.76 (10.5)
CP-HCA318-005	Splice	O-ring	Brass/Brass	Threaded	Tab Flare	210 (8.3)	127 (5)	4.63 (10.2)
HCA418-50 SERIES								
412EIA-HCA418-001	4-1/2" IEC Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	245 (9.65)	177 (6.97)	12.20 (26.90)
618EIA-HCA418-001	6-1/8" EIA Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	295 (11.61)	210 (8.27)	17.0 (37.5)
618EIA-HCA418-002	6-1/8" EIA Male Gas Barrier	O-ring	Brass/Silver	Threaded	Tab Flare	114 (4.4)	158 (6.2)	9.3 (20.5)
618EIA-HCA418-001	6-1/8" EIA Male Gas Pass	O-ring	Brass/Silver	Threaded	Tab Flare	114 (4.4)	158 (6.2)	9.3 (20.5)
HCA500-50 SERIES								
412EIA-HCA500-001	4-1/2" IEC Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	300 (11.81)	212 (8.35)	5.00 (11.02)
618EIA-HCA500-002	6-1/8" EIA Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	310 (12.21)	212 (8.35)	25.6 (56.44)
HCA618-50 SERIES								
618EIA-HCA618-002	6-1/8" EIA Female Gas Barrier	Plast 2000	Silver/Silver	Threaded	Tab Flare	312 (12.28)	219 (8.62)	25.50 (56.22)
HCA800-50 SERIES								
100230-HCA800-001	100-230 Female Welding, High Power	Plast 2000	Chromating/Silver	Threaded	Welding Tab Flare	470 (18.50)	310 (12.21)	
100230-HCA800-002	100-230 Female Welding, High Power	Plast 2000	Hard coat/Silver	Threaded	Welding Tab Flare	470 (18.50)	310 (12.21)	
100230-HCA800-005	100-230 Female Welding	Plast 2000	Chromating/Silver	Threaded	Welding Tab Flare	470 (18.50)	310 (12.21)	
100230-HCA800-009	100-230 Female Welding	Plast 2000	Hard coat/Silver	Threaded	Welding Tab Flare	470 (18.50)	310 (12.21)	
CP-HCA800-001	Splice Welding, High Power	Plast 2000	Chromating/Silver	Threaded	Welding Tab Flare	617 (24.29)	385 (15.16)	
CP-HCA800-003	Splice Welding	Plast 2000	Chromating/Silver	Threaded	Welding Tab Flare	617 (24.29)	385 (15.16)	
CP-HCA800-009	Splice Welding	Plast 2000	Hard coat/Silver	Threaded	Welding Tab Flare	617 (24.29)	385 (15.16)	



Connector Selection Guide

HELIFLEX® Air-Dielectric Cables

Model Number	Description	Sealing Method	Plating Outer/Inner	Contact Attachment Inner	Contact Attachment Outer	Length, mm (in)	Outer Dia., mm (in)	Weight, kg (lb)
HCA900-50T SERIES								
100230-HCA900-001	100-230 Female Welding	Plast 2000	Chromating/Silver	Threaded	Welding Tab Flare	535 (21.06)	354 (13.94)	
100230-HCA900-004	100-230 Female Welding	Plast 2000	Hard coat/Silver	Threaded	Welding Tab Flare	535 (21.06)	354 (13.94)	
CP-HCA900-003	Splice Welding	Plast 2000	Chromating/Silver	Threaded	Welding Tab Flare	550 (21.65)	325 (12.80)	
CP-HCA900-004	Splice Welding	Plast 2000	Hard coat/Silver	Threaded	Welding Tab Flare	550 (21.65)	325 (12.80)	
COUPLING ELEMENTS								
78EIA-CE-001	7/8" EIA Coupling Element, long	O-ring	Silver	Spring Finger		49.3 (1.9)	21 (0.83)	0.05 (0.10)
78EIA-CE-002	7/8" EIA Coupling Element	O-ring	Silver	Spring Finger		49 (1.93)	21 (0.83)	0.06 (0.13)
158EIA-CE-001	1-5/8" EIA Coupling Element, long	O-ring	Silver	Spring Finger		82.6 (3.3)	42 (1.65)	0.07 (0.15)
158EIA-CE-002	1-5/8" EIA Coupling Element	O-ring	Silver	Spring Finger		60 (2.36)	42 (1.65)	0.17 (0.37)
318EIA-CE-002	3-1/8" EIA Coupling Element	O-ring	Silver	Spring Finger		101 (3.98)	81 (3.19)	0.59 (1.30)
412EIA-CE-002	4-1/2" EIA Coupling Element	O-ring	Silver	Spring Finger		77 (3.03)	105 (4.13)	1.09 (2.40)
618EIA-CE-002	6-1/8" EIA Coupling Element	O-ring	Silver	Spring Finger		109 (4.29)	154 (6.06)	2.14 (4.72)
100230-CE-002	100-230 Coupling Element	O-ring	Silver	Spring Finger		288 (11.34)	310 (12.21)	