

Grounding Kits

Product Catalogue



Grounding Kits

Grounding kits. FIMO Grounding Kits offer multiple solutions for the earthing of coaxial cables, hybrid cables and elliptical and rectangular waveguides.

Kit di messa a terra. I kit di messa a terra FIMO offrono molteplici soluzioni per la connessione a massa di cavi coassiali, cavi ibridi e guide d'onda ellittiche e rettangolari.



UEK - Universal Earthing Kit

For coaxial cables and elliptic or rectangular waveguides.
Only five items for the whole cable range.
Easy to handle, safe, quick to install.
Complete with connecting cable.

UEK - Kit di Messa a Terra Universale

*Per cavi coassiali e guide d'onda ellittiche e rettangolari. Solo cinque misure per tutta la gamma di cavi.
Semplice, sicuro, veloce.
Completo di cavo di connessione.*

CERTIFICATION

IEC 60529	Waterproof IP 67
IEC 61312-1 grade III	CESI
Temperature Range	-50°/+80°C
Contact Resistance	<1 mOhm

MATERIAL

Contact Bar	Tinned Brass
Internal Contact	Tinned Copper Mesh
Protection	NAS Black Self-Agglomerating Tape, U.V. Resistant
Cable**	16 mm ² Copper, P.E. Insulated Black, According to CEI 20-22
Colour	Black

CODE	ARTICLE	CABLE Ø	COAX CABLES	ELLIPT. GUIDES	**L	CONNECTING SCREW	BAG	BOX	WEIGHT
61 1502 0001	UEK 1	5 - 11	RG 223 - RG58-RG59 RG 8 - RG213/214 1/4"- 3/8"	220-380	500	M8	1	10	145
61 1502 0002	UEK 2	12 - 30	1/2"S - 3/8" - 1/2" - 5/8" 7/8"S - 7/8"	105-127-130 150-190	500	M8	1	10	180
61 1502 0003	UEK 3	31 - 60	1.1/4" - 1.5/8" - 2.1/4"	38-46-48-54 60-70-77-78-90	500	M8	1	10	210
61 1502 0004	UEK 4	40 - 115	1.1/4" - 1.5/8" 2.1/4" - 3"; 3.1/8" - 4.1/8"	38-46-48-54	500	M8	1	10	275
61 1502 0005	UEK 5	40 - 223	1.1/4" - 1.5/8"; 2.1/4"- 3" 2.1/4"- 3"; 3.1/8" - 4.1/8" -5"; 6.1/8" - 8"	11-15-19-22 38-46-48-54	500	M8	1	10	350

Storage : UEK kit does not require a particular care in storing, apart from keeping it in its original packing, which protects it from water, grease and dust. Even extreme temperature conditions do not negatively affect the product.

UEK M

Grounding Kits

GROUNDING KITS
PRODUCT CATALOGUE

UEK M - Monobloc Earthing Kit

For coaxial cables and elliptic or rectangular wave guides. Easy to handle, safe and quick to install. Earthing cable riveted directly to contact bar.

UEK M - Kit di Messa a Terra Monoblocco

Per cavi coassiali e guide d'onda ellittiche e rettangolari. Montaggio semplice, sicuro e veloce. Cavo di terra prefissato sul contatto mediante rivetti.

CERTIFICATION	
IEC 60529	Waterproof IP 67
IEC 61312-1 grade III	CESI
Temperature Range	-50°/+80°C
Contact Resistance	<1 mOhm

MATERIAL	
Contact Bar	Tinned Brass
Rivets	AISI 304 Stainless Steel
Internal Contact	Tinned Copper Mesh
Protection	NAS Black Self-Agglomerating Tape, U.V. Resistant
Cable**	16 mm ² Copper, P.E. Insulated Black, According to CEI 20-22
Colour	Black



CODE	ARTICLE	CABLE ø	COAX CABLES	ELLIPT. GUIDES	**L	BAG	BOX	WEIGHT
61 1505 0001	UEK 1 M	5 - 11	RG 223 - RG58-RG59 RG 8 - RG 213/214; 1/4"- 3/8"	220 - 250 - 380	500	1	10	180
61 1505 0002	UEK 2 M	12 - 30	1/2"S - 3/8" - 1/2" - 5/8" 7/8"S - 7/8"	105 -127 - 130 150 - 190	500	1	10	220
61 1505 0003	UEK 3 M	31 - 60	1.1/4" - 1.5/8" - 2.1/4"	52 - 54 - 60 - 63 - 64 70 - 77 - 78 - 90	500	1	10	245

Storage : UEK M kit does not require a particular care in storing, apart from keeping it in its original packing, which protects it from water, grease and dust. Even extreme temperature conditions do not negatively affect the product.

KMT P E PAT.

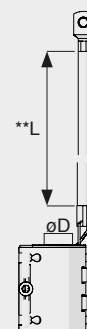
Grounding Kits

GROUNDING KITS
PRODUCT CATALOGUE



• KMT
Open

• KMT
Closed



KMT P - Grounding Kit
For Copper or Aluminum corrugated coaxial
Cables. Parallel Cable exit

Technical features:

- Compact structure
- Fast and easy installation
- Closure with a single screw
- Hinged rigid shell
- No loose parts
- No extra taping needed

KMT P - Kit di Messa a Terra
per cavi coassiali corrugati, in rame o allumi-
nio. Uscita parallela

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Chiusura con una singola vite
- Guscio rigido incernierato
- Senza parti sciolte
- Nastratura supplementare non neces-
saria

MATERIAL

Shell	AISI 304 Stainless Steel
Gasket	EPDM Rubber U.V. Resistant
Inner Contact	Tinned Brass
Cable**	16 mm ² Copper, Black PVC Insula- ted, Conforming to CEI 20-22 norms (Yellow/Green on Request)
Lug	Tinned Copper, ø 8 Hole (ø10 on re- quest)

CERTIFICATION

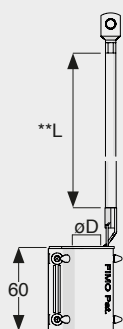
IEC 60529 (CESI)	Waterproof IP 68
Enviromental Test	IEC 68-2-14
Contact Resistance	<1 mOhm
Lightning Tested (CESI)	MIL STD 1757
Corrosion Resistent	✓

CODE	ARTICLE	FOR COAXIAL CABLES	ø D	**L	BOX	WEIGHT
61 1540 9006	KMT 6 P E	RG 223-RG 58 (ø 5-6)	19	500	10	240
61 1540 9007	KMT 7 P E	RG59 (ø 6-7)	19	500	10	215
61 1540 9009	KMT 9 P E	1/4" superflex (ø 8-9)	19	500	10	240
61 1540 9014	KMT 11 P E	RG 213/214-1/4"-3/8" (ø 10-11)	19	500	10	235
61 1540 9016	KMT 14- P E	1/2" superflex (ø 13-14)	25	500	10	246
61 1540 9012	KMT 1/2"- P E	1/2" (ø 16-17)	25	500	10	242
61 1540 9078	KMT 7/8"- P E	7/8"+ 7/8" superflex (ø 26-28)	36	500	10	258
61 1540 9114	KMT 1.1/4"- P E	1.1/4" (ø 38-40)	48	500	10	480
61 1540 9158	KMT 1.5/8"- P E	1.5/8" (ø 50-52)	48	500	10	520

CGK M^{PAT.}

Compact Grounding Kits

GROUNDING KITS
PRODUCT CATALOGUE



CGK M ◀
Open

CGK M ◀
Closed



MATERIAL	
Shell	AISI 304 Stainless Steel
Gasket	EPDM Rubber U.V. Resistant
Inner Contact	Tinned Brass
Cable**	16 mm ² Copper, Black PVC Insulated, Conforming to CEI 20-22 Norms (yellow/green on request)
Lug	Tinned Copper, ø 8 hole (ø10 on request)

CERTIFICATION	
IEC 60529	Waterproof IP 68
Enviromental Test	IEC 68-2-14
Contact Resistance	<1 mOhm
Corrision Resistent	✓

CGK M - Compact Monobloc Grounding Kit
For Copper or Aluminum RF Coaxial Cables.
Parallel Cable Exit

Technical features:

- Compact structure
- Fast and easy installation
- Closure with pressure plate
- Flexible metal shell
- No loose parts
- No extra taping needed

CGK M - Kit di Terra Monoblocco Compatto
Per Cavi Coassiali RF, in Rame o Alluminio.
Uscita Parallela

Caratteristiche:

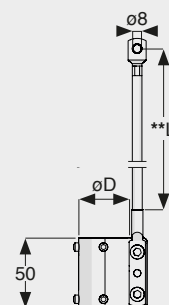
- Struttura compatta
- Installazione veloce
- Chiusura con piastrino
- Guscio metallico deformabile
- Senza parti sciolte
- Nastratura supplementare non necessaria

CODE	ARTICLE	FOR COAXIAL CABLES	øD	**L	BOX	WEIGHT
61 1509 0016	CGK 1/2" S M	ø d 13-14 (1/2" superflex)	24	500	10	161
61 1509 0012	CGK 1/2" M	ø d 16-17 (1/2")	24	500	10	161
61 1509 0078	CGK 7/8" M	ø d 26-28 (7/8" + 7/8" superflex)	35	500	10	166
61 1509 0114	CGK 1.1/4" M	ø d 38-40 (1.1/4")	47	500	10	179
61 1509 0158	CGK 1.5/8" M	ø d 50-52 (1.5/8")	57	500	10	208



▲ LEK
Open

▲ LEK
Closed



MATERIAL	
Shell	AISI 304 Stainless Steel
Gasket	Thermoplastic Elastomer, U.V. Resistant
Inner Contact	AISI 304 Stainless Steel
Cable**	16 mm ² Copper, Black PVC Insulated, Conforming to CEI 20-22 Norms (yellow/green on request)
Lug	Tinned Copper, ϕ 8 hole (* ϕ 10 on request)

CERTIFICATION	
IEC 60529	Waterproof IP 68
Environmental Test	IEC 68-2-14
Contact Resistance	<1 mOhm
Lightning Tested (CESI)	CEI EN 62305-1
Corrosion Resistant	✓

LEK - Standard Grounding Kit
For Copper or Aluminum RF Coaxial Cables.
Parallel Cable Exit

Technical features:

- Compact structure
- Fast and easy installation
- Closure with two screws
- No loose parts
- No extra taping needed

LEK- Kit di Messa a Terra Standard
Per Cavi Coassiali RF, in Rame o Alluminio.
Uscita Parallela

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Chiusura con due viti
- Senza parti sciolte
- Nastratura supplementare non necessaria

CODE	ARTICLE	FOR COAXIAL CABLES	ϕD	**L	BOX	WEIGHT
61 1510 0012	LEK 1/2"	ϕ d 16-17 (1/2")	23	600	10	160
61 1510 0078	LEK 7/8"	ϕ d 26-28 (7/8" + 7/8" superflex)	35	600	10	200
61 1510 0114	LEK 1.1/4"	ϕ d 38-40 (1.1/4")	46	600	10	225
61 1510 0158	LEK 1.5/8"	ϕ d 50-52 (1.5/8")	58	600	10	265

LGK M^{PAT.}

Mini Grounding Kits

GROUNDING KITS PRODUCT CATALOGUE



MATERIAL

Shell	AISI 304 Stainless Steel
Gasket	EPDM Rubber U.V. Resistant
Inner Contact	Copper
Cable**	10 mm ² Copper, Black PVC Insula- ted, Conforming to CEI 20-22 Norms (Yellow/Green on Request)
Lug	Tinned Copper, ø 8 Hole (* ø10 on re- quest)

LGK M - Mini Grounding Kit
For Copper or Aluminum RG and RF Coaxial
Cables. Parallel Cable Exit

Technical features:

- Compact structure
- Fast and easy installation
- Closure with a single screw
- Rigid shell
- No loose parts
- No extra taping needed

LGK M - Mini Kit di Messa a Terra
Per Cavi Coassiali RG e RF, in Rame o Allu-
minio.

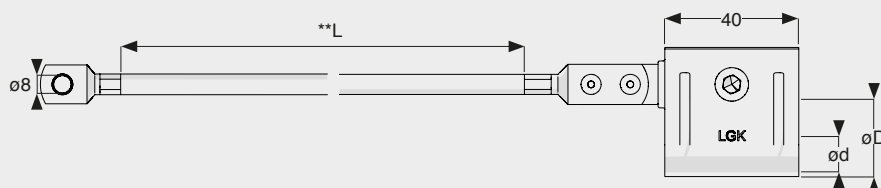
Uscita Parallela

Caratteristiche:

- Struttura compatta
- Installazione veloce
- Chiusura con singola vite
- Gusci rigidi
- Senza parti sciolte
- Nastratura supplementare non neces-
saria

CERTIFICATION

IEC 60529	Waterproof IP 68
Enviromental Test	IEC 68-2-14
Contact Resistance	<1 mOhm
Corrosion Resistant	✓



CODE	ARTICLE	FOR COAXIAL CABLES	øD	**L	BOX	WEIGHT
61 1509 0006	LGK 6 M	ø d 5 - 6 (RG 223-RG 58)	21	500	10	131
61 1509 0007	LGK 7 M	ø d 6 - 7 (RG59)	21	500	10	129
61 1509 0009	LGK 9 M	ø d 8 - 9 (1/4")	21	500	10	127
61 1509 0011	LGK 11 M	ø d 10 - 11 (RG 213/214-1/4"-3/8" superflex)	21	500	10	125

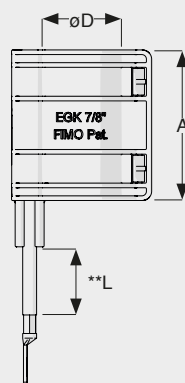


▲ EGK
Open

▲ EGK
Closed

MATERIAL	
Shell	PA 6, U.V. Resistant
Sealant	Isobutylene Strip
Inner Contact	Tinned Brass
Cable**	16 mm ² Copper, Black PVC Insulated, Conforming to CEI 20-22 Norms (yellow/green on request)
Lug	Tinned Copper, ø 8 hole (* ø10 on request)

CERTIFICATION	
IEC 60529 Fimo Test	Waterproof IP 68
Contact Resistance	<1 mOhm



EGK

No Tool Compact Grounding Kit With Plastic Shell

For Copper or Aluminum RF coaxial cables. Parallel cable exit.

Technical features:

- Compact plastic structure
- Fast and easy installation, without the use of tools
- No loose parts
- No lubricant required
- No extra taping needed

EGK

Kit di Terra Compatto con Guscio in Plastica, Installazione Senza Utensili.

Per cavi coassiali RF, in rame o alluminio. Uscita parallela.

Caratteristiche:

- Struttura compatta in plastica
- Installazione veloce senza l'utilizzo di utensili
- Senza parti sciolte
- Lubrificante non necessario
- Nastratura supplementare non necessaria

CODE	ARTICLE	FOR COAXIAL CABLES	øD	**L	BOX	WEIGHT
61 1508 0012	EGK 1/2" M	ø d 16-17 (1/2")	26.5	500	10	145
61 1508 0078	EGK 7/8" M	ø d 26-28 (7/8" + 7/8" superflex)	37.5	500	10	152
61 1508 0114	EGK 1.1/4" M	ø d 38-40 (1.1/4")	49.5	500	10	158
61 1508 0158	EGK 1.5/8" M	ø d 50-52 (1.5/8")	61.5	500	10	165



Connecting Cable

FMT

MATERIAL	
Contact	Tin Plated Copper
Connecting Cable	P.E. Insulated Copper According to CEI 20-22.
Colour	Black
M8 Screws	AISI 304 Stainless Steel

**FMT 15/80 - Earthing Kit for Connectors**

Complete with 16 mm² connecting cable.
Lightning test according to standard IEC 61312-1 grade III (CESI).

FMT 15/80 - Messa a Terra per Connettori

Completo di cavo di connessione 16 mm².
Testato alle scariche atmosferiche in accordo alla norma IEC 61312-1 grado III (CESI).

CODE	ARTICLE	DESCRIPTION	FOR CONNECTORS	øD	BAG	BOX	WEIGHT
61 1503 1580	FMT 15/80	Punched tinned copper strip 30x0,5, adjustable length	1/4" - 2.1/4"	15-80	10	100	170

IST 8 · BTC

Grounding Bolts

GROUNDING KITS
PRODUCT CATALOGUE

IST 8 - Grounding Bolt

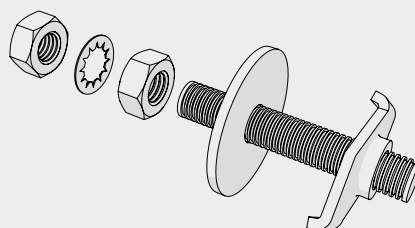
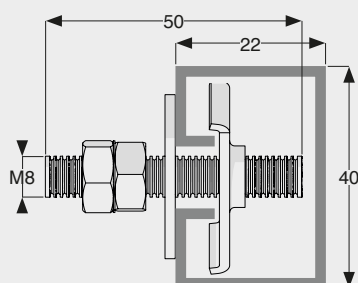
Sliding nut for **PCI 40x22** sections. Complete with M8 Threaded bar, nuts and washers.

IST 8 - Bullone di Messa a Terra

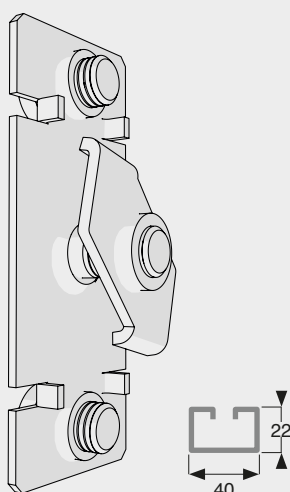
Inserto scorrevole per profilati **PCI 40x22**, completo di barra filettata M8, dadi e rondelle.

MATERIAL

AISI 304 Stainless Steel



CODE	ARTICLE	SUITABLE TO	BAG	BOX	WEIGHT
61 1543 0008	IST 8	PCI	20	100	40



BTC - Grounding Plate

BTC grounding socle with M8 screw for connectionZ to sections **PCI 40x22**.

BTC - Piastra di Messa a Terra

Piastra con vite M8 per la connessione a terra su profil **PCI 40x22**.

MATERIAL

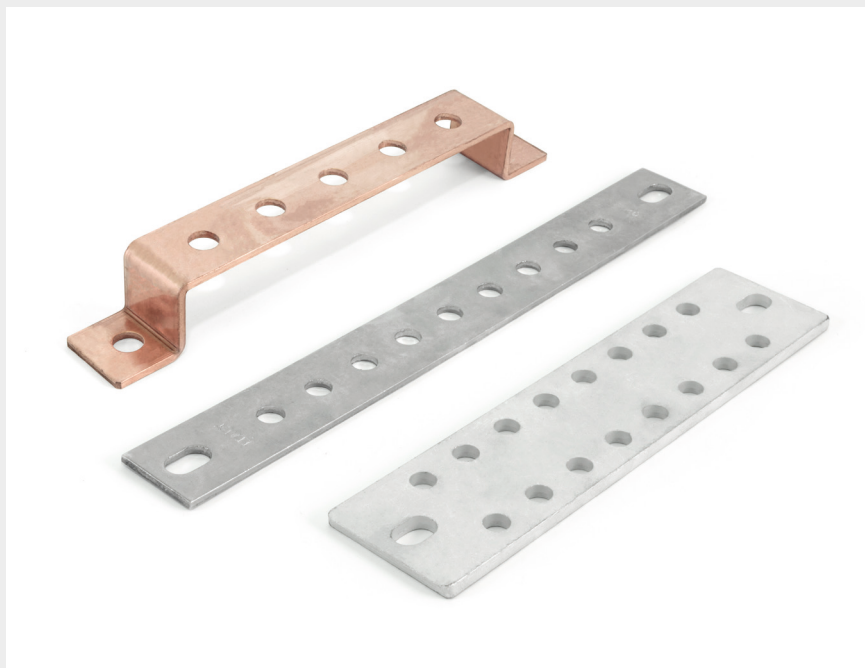
AISI 304 Stainless Steel

CODE	ARTICLE	SUITABLE TO	BAG	BOX	WEIGHT
61 1543 0009	BTC	PCI 40x22	20	100	55

BEI · BEC · BES

Grounding Bars

GROUNDING KITS
PRODUCT CATALOGUE



BEI - AISI 304 Grounding Bar
BEC - Copper Grounding Bars
BES - Tinned Copper Grounding Bars

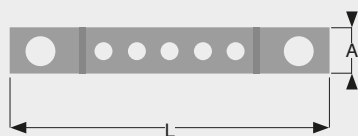
Suitable for **PMR** and **PPS** wall entries.

BEI - Barra Equipotenziale AISI 304
BEC - Barre Equipotenziali di Rame
BES - Barre Equipotenziali di Rame Stagnato

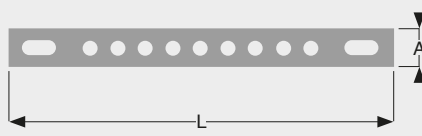
Applicabile ai passanti a muro **PMR** e **PPS**.

MATERIAL

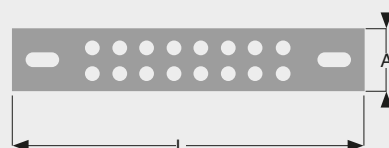
BEI	AISI 304 Stainless Steel
BEC	Copper
BES	Tinned Copper



BEC



BEI



BES

CODE	ARTICLE/DESCRIPTION	L	A	N° HOLES	SUITABLE TO	BAG	BOX	WEIGHT
61 1517 9350	BEI 9x8	250	30	9 x Ø 8.5	PMR - PPS	1	10	235
61 1517 9352	BEI 20xM8	300	40	20 x M8	-	1	10	288
61 1517 0510	BEC 5x10	215	30	5 x Ø 10,5	-	1	10	210
61 1517 9300	BEC 9xM8	250	30	9 x M8	PMR - PPS	1	10	270
61 1517 9301	BEC 16xM8	300	40	16 x M8	-	1	10	470
61 1517 9302	BEC 20xM8	300	40	20 x M8	-	1	10	435
61 1517 9305	BEC 28xM8	300	50	28 x M8	-	1	10	667
61 1517 9304	BES 5xM8	170	30	5 x M8	-	1	10	136
61 1517 9306	BES 16x8	200	50	16 x Ø 8.5	-	1	10	445
61 1517 9307	BES 16/2x8	250	50	16 x Ø 8.5	PMR - PPS	1	10	556
61 1517 9303	BES 20xM8	300	40	16 x M8	-	1	10	320

SCJ · SPJ

Cables Stripper

GROUNDING KITS
PRODUCT CATALOGUE

SCJ

Cable Stripper for Mash Shielded Cables

Quick and safe sheath stripping.

SCJ

Spellacavi per Cavi a Maglia

Spellatura rapida e sicura della guaina.



CODE	ARTICLE/DESCRIPTION	FOR CABLES	COAXIAL CABLES	BOX	WEIGHT
U3 2107 0001	SCJ 1	Ø 4.8 - 7.5	RG	1	37
U3 2107 0015	SCJ 15	Ø 8 - 13	RG 213 - RG 214	1	60

SPJ - Universal Cable Strippers

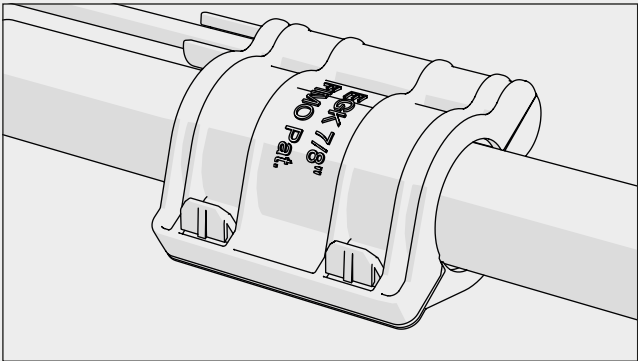
Quick, precise and safe sheath stripping of coaxial cables. Circular and longitudinal cut in the same operation.

SPJ - Spellacavi Universali

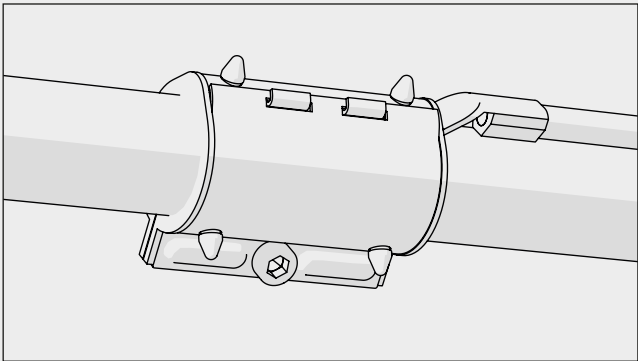
Spellatura rapida, sicura e precisa di cavi coassiali. Operazione unica di taglio circolare e longitudinale.



CODE	ARTICLE/DESCRIPTION	FOR CABLES	COAXIAL CABLES	BOX	WEIGHT
U3 2101 0016	SPJ 16	Ø 4 - 16	1/4", 3/8", 1/2"	1	94
U3 2101 0027	SPJ 27	Ø 8 - 28	1/2", 5/8", 7/8"	1	92
U3 2101 0035	SPJ 35	Ø 28 - 35	7/8"	1	125
U3 2101 0050	SPJ 50	Ø 35 - 50	1.1/8", 1.1/4", 1.5/8"	1	134



EGK



KMT P E

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CERT. N. 9190
FI.MO.TEC.



UNI EN ISO 9001:2008
FI.MO.TEC.



ROHS
2002/95/EC



ISO 9001:2008
FIMO INDIA



ISO 14001:2004
FIMO INDIA