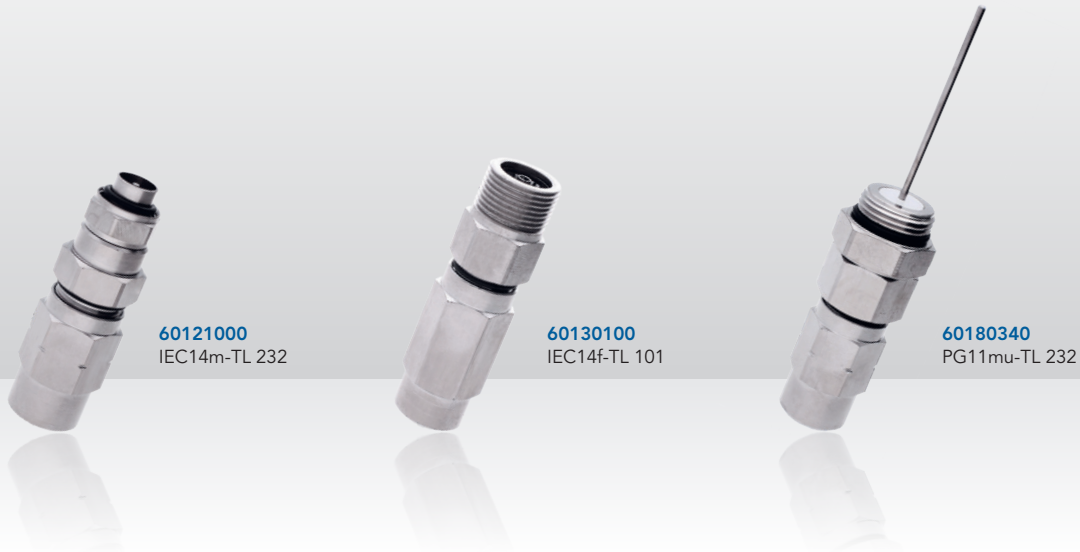


Cable fittings

For connecting coaxial cables and cables on in-ground tap-offs



KLASSE
A
CLASS

Instruction how to chose the correct connector

1. Select the cable you are using from the table below.
2. Chose the fitting connector from the following page.
3. Replace the "- XX" with the braun teleCom type number.
4. Now you are able to order your desired connectors with the given name.

Übersicht der Koaxialkabel mit der entsprechenden Typ-Nummer

Parameter	Frequency [MHz]	Applies to all connectors named below
Frequency range [MHz]		5 – 3.000
Max. line power [A]		12
Screening factor [dB]		> 94
Temperature range [°C]		-37 ... +70
Through loss [dB]		< 0,1
Return loss [dB]	5 – 500	> 35,25
	500 – 1.000	> 32,50
	1.000 – 2.150	> 25,30

Coaxial cable	Inner conductor [mm]	Dielectric [mm]	Outer conductor [mm]	Outer sheath [mm]	Type No.
HD-083	0,81	3,66	–	5,80	-TL 111
H126 Txx	1,02	4,57	5,50	7,00	-TL 101
HD-103	1,02	4,60	–	6,80	-TL 101
HD-113	1,01	4,80	–	6,80	-TL 101
75 D 1,7/7,0 ikx	1,63	6,9	7,5	10,5	-TL 202
FB 11, COAX 6	1,61	7,55	8,2	11,1	-TL 212
HD-163	1,63	7,20	–	10,00	-TL 232
PRG 11 Cu	1,55	7,25	7,90	10,20	-TL 232
PRG 11 DB+	1,55	7,25	8,10	10,20	-TL 232
A-2YK2Y 1 ikx	1,10	7,30	7,80	11,00	-TL 243
KJ 1108	1,1	7,25	7,5	10,2	-TL 244
RG7 CU	1,25	5,7	6,3	8,1	-TL 245
A-2Y0K2Y 1 nkx	2,20	8,80	9,30	12,50	-TL 303
LCM 15	1,75	11,2	11,8	14,5	-TL 404
HD-223	2,20	10,20	–	13,80	-TL 413
COAX 4 FFB 14	2,20	10,20	11,00	13,80	-TL 413
COAX 3 FFB 20	3,40	14,90	15,80	19,80	-TL 646
A-2Y0K2Y 1 qkx	3,30	13,40	14,00	17,00	-TL 525
A-2Y0K2Y 1 skx	4,90	19,30	20,00	24,50	-TL 717

Grounding rings

Item	For the connectors ...	Order No.
Grounding ring type 2	-TL202, -TL205, -TL212, -TL 232, -TL240, -TL 243, -TL244, -TL245, -TL246, -TL202FI, -TL220STI, -TL250TI, -02, -12, -22, -32, -42, -203, -206, -210, -230, -240, -243, -244, -245, -246, -C202, -C212, -C220, -C232, -C243, -C250, -C263	60300200
Grounding ring type 3	-TL303, -TL306FI, -TL309, -TL310STI, -TL313, -TL319TI, -TL326, -TL343TI, -TL363, -TL383STI, -13, -63, -83, -303, -304, -309, -310, -319, -C303, -C314, -C319	60300300
Grounding ring type 4	-TL404, -TL406, -TL412, -TL413, -TL417STI, -TL418, -TL419TI, -TL424, -TL427, -TL414, -TL434TI, -TL414TI, -TL441TI, -TL444, -TL470TI, -TL494STI, -04, -14, -24, -34, -43, -44, -54, -64, -83, -84, -94, -341, -402, -405, -412, -413, -418, -419, -427, -C419, -C470	60300400
Grounding ring type 5	-TL501, -TL502, -TL505, -TL505TI, -TL506TI, -TL515, -TL517STI, -TL525, -TL530TI, -TL540TI, -05, -15, -25, -75, -502, 526, -530, -C525, -C540, -C553	60300500
Grounding ring type 6	-TL606, TL-609TI, -TL610TI, -TL611STI, -TL616, -TL619TI, -TL626, -TL636, -TL646, -TL655, -TL666TI, -TL676, -TL696STI, -06, -16, -36, -46, -55, -56, -66, -76, -96, -609, -610, -611, -C610, -C611, -C619	60300600



60152995
3,5/12f-C418

3,5/12f-C418 for connecting cable on in-ground tap-offs

Specially designed 3,5/12f connector for supplementary mounting to in-ground tap-offs with KES contact bush. Return loss > 44 dB at 1 GHz, impedance 75 Ω, waterproof, corrosion-resistant, max. tensile strength of 1.000 N.

Order No. 60152995

Mounting Instructions

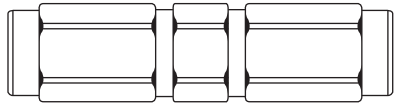
Cut off the KES-contact bush, strip the cable with a special dual-strip tool, screw on the backnut to the corrugated copper tube, insert the inner conductor of the cable into the connector body and screw the backnut together with the body.

braun teleCom
Quality on Line.

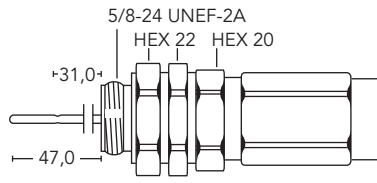
braun teleCom GmbH
Merkurstr. 3 c
30419 Hanover
Germany

Tel. +49 511 757086
Fax +49 511 753169
info@brauntelecom.de
www.brauntelecom.com

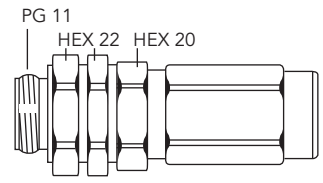
Connector types for cable fittings



SP-XX



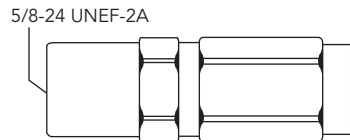
5/8mu-XX



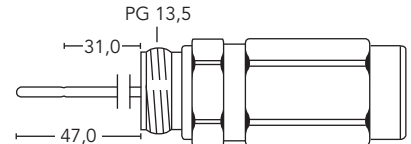
PG11FTU-XX



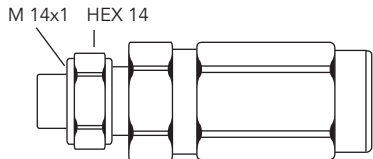
SR-XX-XX



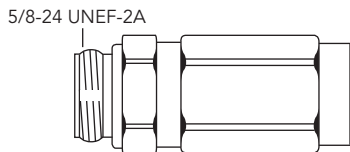
5/8-XX



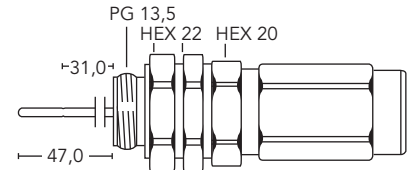
PG13,5m-XX



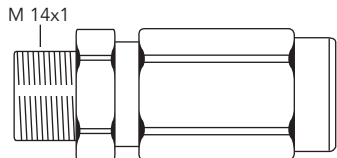
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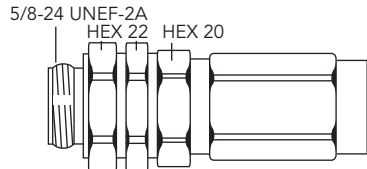
5/8FT-XX



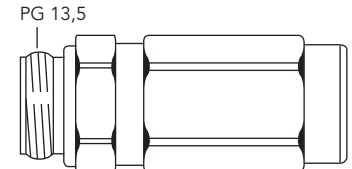
PG13,5mu-XX



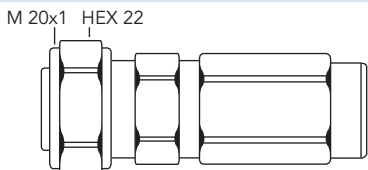
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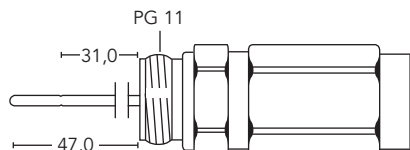
5/8FTU-XX



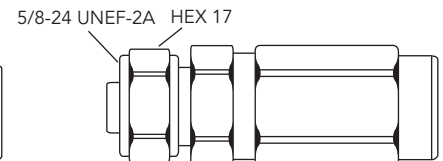
PG13,5FT-XX



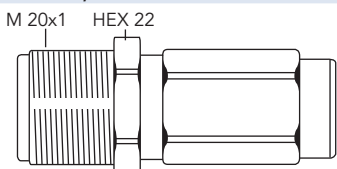
3,5/12m-XX



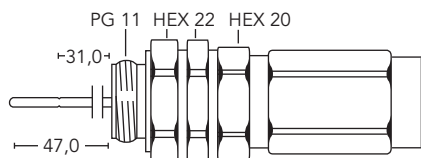
PG11m-XX



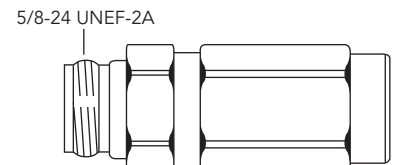
Nm-XX



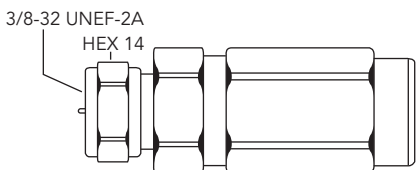
3,5/12f-XX



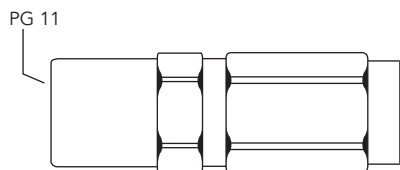
PG11mu-XX



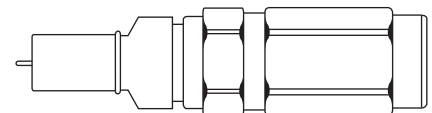
Nf-XX



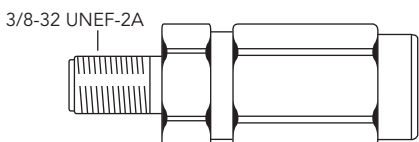
Fm-XX



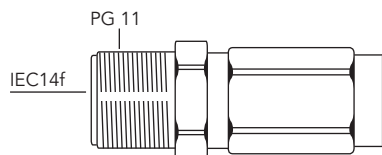
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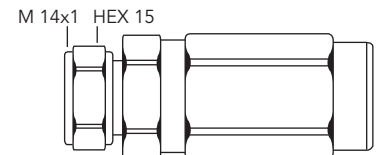
GBD-XX



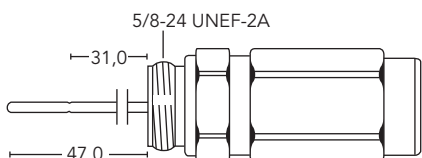
Ff-XX



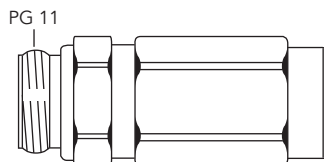
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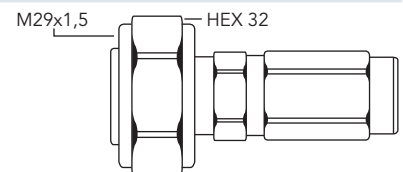
Em-XX



5/8m-XX



PG11FT-XX



7/16m-XX