

LEMO's Triaxial Connectors (75Ω) — 4A Series

LEMO's range of triaxial connectors are designed specifically for connections between television cameras and control equipment. The 4A Series is widely used by most manufacturers of professional level video cameras and is suitable for both indoor and outdoor environments

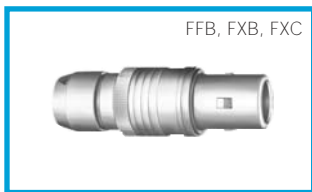
Technical characteristics

Impedance	75 Ω
Operating frequency	2.5 GHz
VSWR (f= GHz)	1.01+0.076 f
Center contact resistance	< 3m Ω
Contact resistance	
inner screen	< 1m Ω
Shell to shell conductivity (for models with earthing crown)	< 1m Ω
Watertightness (IEC 529)	IP61

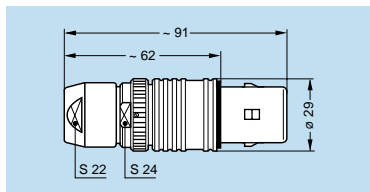
The 4A Series includes other types of connectors not shown in this catalog. For all collet nut connectors, adding a Z to the end of the part number means there is a collet nut for mounting the cable sleeve. This series is compatible with the Kings TRI-LOC KP80•• Series.

Recommended cables

Reference	Basic coaxial cable	Imp. (Ω)	Cable group
Belden 8232A	RG.59/U	75±3Ω	1
Belden 9192-9232	RG.11/U	75±3Ω	7
Belden 9267	RG.59/U	75±3Ω	3
Belden 8233A	RG.11/U	75±3Ω	6
Fujikura 4.8/1.0 EFTXF		75±3Ω	2
Fujikura 9.6/2.22 EFTXF		75±3Ω	0
GEPCO LVT 61811	RG.11/U	75±3Ω	7
MOHAWK M52479	RG.11/U	75±3Ω	7
MOHAWK M80248	RG.59/U	75±3Ω	1
MOHAWK M56301		75±2Ω	5
NOKIA Triax 8		75±3Ω	2
NOKIA Triax 11		75±3Ω	5
NOKIA Triax 11/2		75±3Ω	6
NOKIA Triax 14		75±3Ω	0
Triax Type A2		75±3Ω	9
Triax Type B2		75±3Ω	7

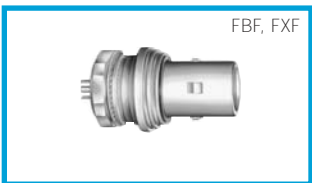


FFB, FXB, FXC

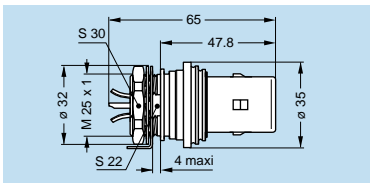


FFB Straight plug with safety ring and cable collet
FXB FFB with earthing sleeve
FXC FXB without safety ring

Part Number	Cable group
FFB.4A.675.CTCC90	9
FFB.4A.675.CTCC95	3
FFB.4A.675.CTCC85	2
FFB.4A.675.CTCC97	1
FFB.4A.675.CTCC11	5
FFB.4A.675.CTCC13	7
FFB.4A.675.CTCC14	6
FFB.4A.675.CTCC16	0



FBF, FXF

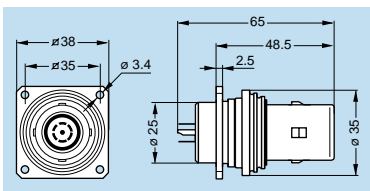


FBF Fixed plug with round flange and tag, nut fixing
FXF FBF with earthing sleeve

Part Number	Weight (g)
FBF.4A.675.CTA	154
FXF.4A.675.CTA	154



FBK

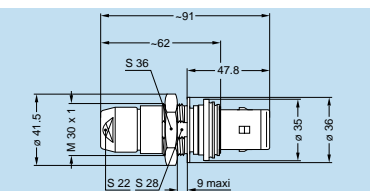


FBK Fixed plug with square flange and tag, nut fixing, with earthing sleeve

Part Number	Weight (g)
FBK.4A.675.CTA	165



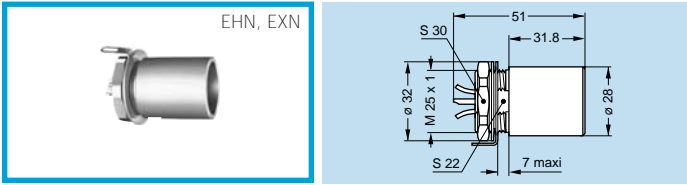
FXD



FXD Fixed plug, nut fixing with round flange, earthing sleeve and cable collet

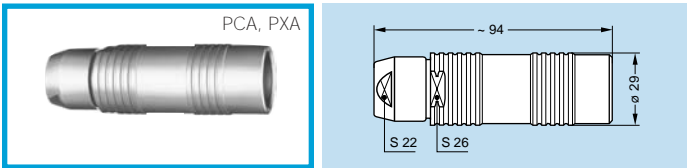
Part Number	Weight (g)
FXD.4A.675.CTCC90	9
FXD.4A.675.CTCC95	3
FXD.4A.675.CTCC85	2
FXD.4A.675.CTCC97	1
FXD.4A.675.CTCC11	5
FXD.4A.675.CTCC13	7
FXD.4A.675.CTCC14	6
FXD.4A.675.CTCC16	0

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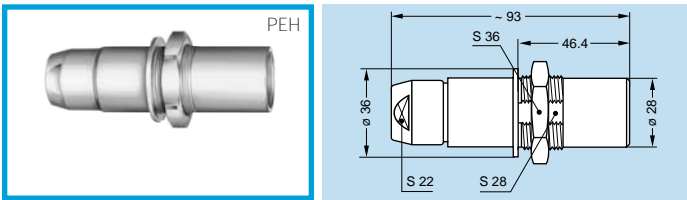
EHN Fixed socket with visible shell and tag, nut fixing
EXN EHN with earthing crown

Part Number	Weight (g)
EHN.4A.675.CTL	115
EXN.4A.675.CTL	115



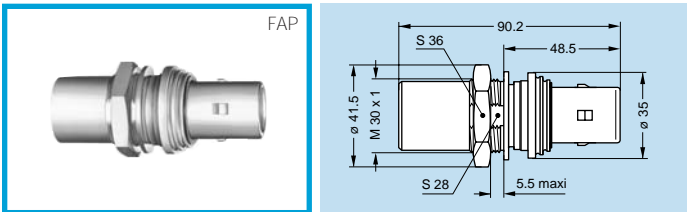
PCA Free socket with cable collet
PXA PCA with earthing crown

Part Number	Cable group
PCA.4A.675.CTRC90	9
PCA.4A.675.CTRC95	3
PCA.4A.675.CTRC85	2
PCA.4A.675.CTRC97	1
PCA.4A.675.CTRC11	5
PCA.4A.675.CTRC13	7
PCA.4A.675.CTRC14	6
PCA.4A.675.CTRC16	0



PEH Free socket, nut fixing, round flange with earthing crown (back panel mounting)

Part Number	Cable group
PEH.4A.675.CTRC90	9
PEH.4A.675.CTRC95	3
PEH.4A.675.CTRC85	2
PEH.4A.675.CTRC97	1
PEH.4A.675.CTRC11	5
PEH.4A.675.CTRC13	7
PEH.4A.675.CTRC14	6
PEH.4A.675.CTRC16	0



FAP Fixed coupler, nut fixing, round flange with plug and socket

Part Number	Weight (g)
FAP.4A.675.CTA	238

Other couplers are available.