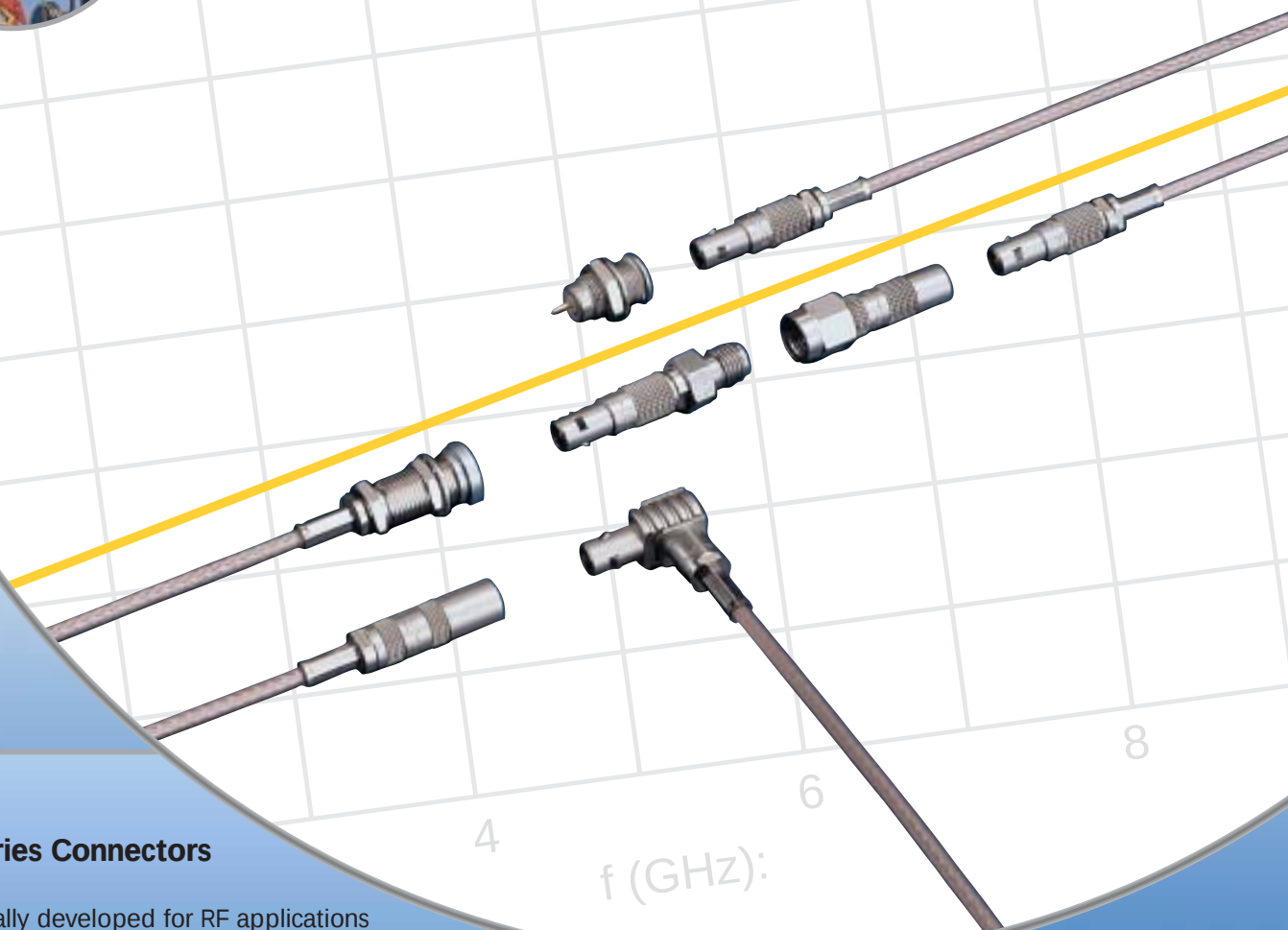




LEMO's Miniature RF Connectors ●

R0 Series connectors for
Telecommunications and
Audio/Video Applications



● R0 Series Connectors

Specifically developed for RF applications up to 12 GHz, LEMO's R0 Series offers many different models combining quality, ruggedness and safety.

Small size, and ease of use guaranteed by LEMO's QUICK-LOK™ push-pull, self-latching system, allows sockets to be mounted at a high density in limited space.

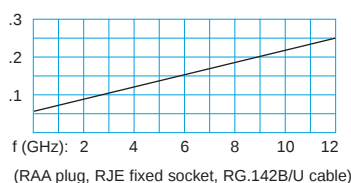


LEMO®

Electrical characteristics

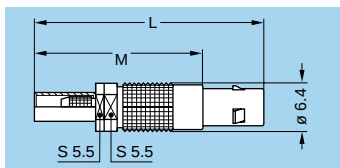
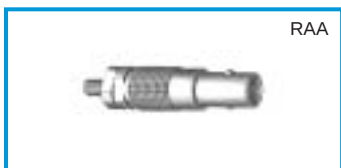
Impedance:	50 Ω
Operating voltage at 50 Hz:	0.7 kV rms
Rated current:	4 A
Contact resistance:	< 6 m Ω
Insulation resistance:	> 10 ¹² Ω
Frequency range:	0 to 12 GHz
VSWR:	< 1.25 up to 12 GHz
RF leakage:	85 dB min. at 2 GHz

VSWR



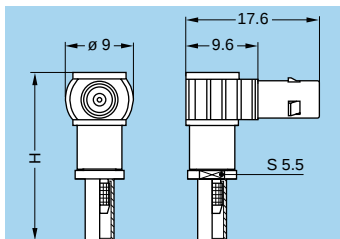
Recommended cables

Reference	Cable group
RG.58C/U MIL-C-17	6
RG.142B/U MIL-C-17	6
RG.188A/U MIL-C-17	4
RG.316/U MIL-C-17	4
Storm 421-099	7



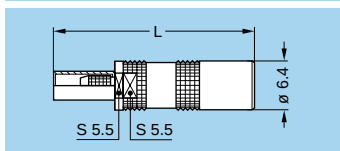
RAA Straight plug for cable crimping

Reference	Cable group	Dimensions (mm)
RAA.C10.HTAS400	4	30.2 22.2
RAA.C10.HTAS600	6	34.9 26.9
RAA.C10.HTAS700	7	30.2 22.2



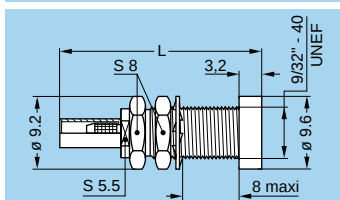
RAL Elbow plug (90°) for cable crimping

Reference	Cable group	Dimensions (mm)
RAL.C10.HTAS400	4	22.2
RAL.C10.HTAS600	6	26.9
RAL.C10.HTAS700	7	22.2



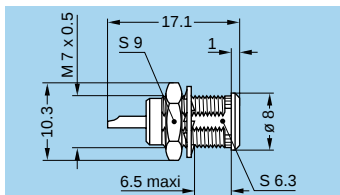
RJA Free socket for cable crimping

Reference	Cable group	Dimensions (mm)
RJA.C10.HTMS400	4	26.6
RJA.C10.HTMS600	6	31.3
RJA.C10.HTMS700	7	26.6



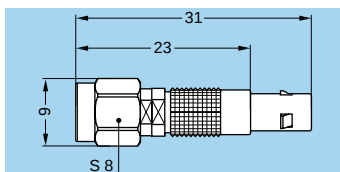
RJE Fixed socket, with two nuts and flange, for cable crimping. Back panel mounting

Reference	Cable group	Dimensions (mm)
RJE.C10.HTMS400	4	26.6
RJE.C10.HTMS600	6	31.3
RJE.C10.HTMS700	7	26.6



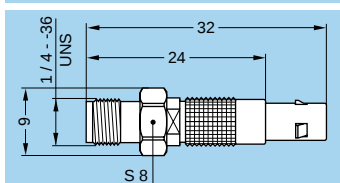
RED Fixed socket, nut fixing

Reference	Weight (g)
RED.C10.HKM	2.8



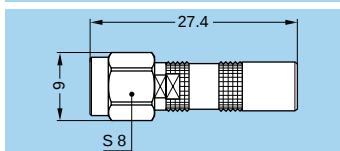
RVA Adapter from LEMO plug to SMA plug

Reference	Weight (g)
RVA.C10.HTE	3.9



RVB Adapter from LEMO plug to SMA socket

Reference	Weight (g)
RVB.C10.HTF	3.6



RVC Adapter from LEMO socket to SMA plug

Reference	Weight (g)
RVC.C10.HTT	3.9