

PRODUCT DATASHEET 43M-LCF114-E01

4.3-10 Male Straight Connector for 1 1/4" Coaxial Cable, OMNI FIT™ Premium, O-Ring and compression sealing

connector-cable interface while simp connectors are fully tested for mecha- The 4.3-10 connector is an innovative under the most severe environment. against outer conductor and jacket b Multifunctional, self-lubricating High electrochemical potential differences FEATURES / BENEFITS • Ultra high PIM performance i.e. rea • Two-piece design i.e. visual inspect • OMNI FIT™ concept i.e. streamline • Watertight sealing in mated and un improved security during operatio • Tri metal alloy plating i.e. extreme environmental circumstances • Multi-thread (Tristart) design i.e. si • RoHS (EU) and CRoHS (China) com External Document Links	lifying and speed anical and electric e, space-saving Rf al conditions and y means of the o Tech polymer ass s and compressio duced interference tion of interlockin d order managen nmated condition n resistance agains	embly locks on cable corrugation, avoids n-fits to the jacket. e leading to high customer satisfaction g leads to improved installation security nent and reduced stock level a, i.e. reduced efforts during installation and et corrosion even under hardest climatic and
Installation Instruction		
Technical features		
GENERAL SPECIFICATIONS		
Transmission Line Type		Coaxial Cable
Cable Size		1 1/4
Cable Type		Foam Dielectric
Connector Interface		4.3-10
Connector Type		OMNI FIT™ PREMIUM Straight
Sealing Method		Sealing Rubber + 360° Clamping
Gender		Male
ELECTRICAL SPECIFICATIONS		
Nominal Impedance, ohms	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-163 ; typical -167
Maximum Frequency	GHz	3,6
VSWR, Return Loss	VSWR (dB)	0 < f ≤ 1.0 GHz: 1.02 (40) 1.0 < f ≤ 2.2 GHz: 1.04 (34) 2.2 < f ≤ 2.7 GHz: 1.06 (31)

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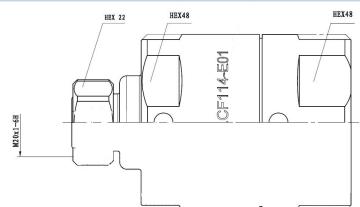
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MECHANICAL SPECIFICATIONS			
Plating Outer/Inner		Tri metal alloy / Silver	
Length	mm (in)	81.6 (3.213)	
Outer Diameter	mm (in)	50.95 (2)	
Inner Contact Attachment		Basket	
Outer Contact Attachment		360° clamping	
ACCESSORIES			
Wrench size front	mm (in)	48	
Wrench size rear	mm (in)	48	
TESTING AND ENVIRONMENTAL			

IP68

TESTING AND ENVIRONMENTAL

Waterproof Level



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