

4.3-10 Male Connector for 3/8" Coaxial Cable, Straight

Radio Frequency Systems line of high performance coaxial cable connectors are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up the attachment of connectors to CELLFLEX® coaxial cables. RFS connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in a variety of mating interfaces. The 4.3-10 connector is an innovative, space-saving RF connection meeting all requirements even under the most severe environmental conditions and not relying on coupling nut torque.

FEATURES / BENEFITS

- Ultra high PIM performance i.e. reduced interference leading to high customer satisfaction
- Two-piece design i.e. visual inspection of interlocking leads to improved installation security
- OMNI FIT™ concept i.e. streamlined order management and reduced stock level
- Watertight sealing in mated and unmated condition, i.e. reduced efforts during installation and improved security during operation
- Tri metal alloy plating i.e. extreme resistance against corrosion even under hardest climatic and environmental circumstances
- Multi-thread (Tristart) design i.e. simplified and accelerated tightening process
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis

External Document Links Installation Instruction

Notes

Technical features

GENERAL SPECIFICATIONS

CENTERAL OF ECHICATIONS			
Transmission Line Type	Coaxial Cable		
Cable Size	3/8		
Cable Type	Foam Dielectric Superflexible		
Model Series	SCF38-50 Series		
Connector Interface	4.3-10		
Connector Type	OMNI FIT™ PREMIUM Straight		
Sealing Method	Polymer claw + 360° Compression		
Gender	Male		

ELECTRICAL SPECIFICATIONS

Nominal Impedance, ohms	Ohm	50
3rd Order IM Product @ 2x20 Watts	dBc	-163 ; typical -167
Maximum Frequency	GHz	6
VSWR, Return Loss	VSWR (dB)	DC &It $f \le 1.0 \text{ GHz}$: 1.02 (40) 1.0 &It ; $f \le 2.2 \text{ GHz}$: 1.03 (37) 2.2 &It ; $f \le 2.7 \text{ GHz}$: 1.03 (37) 2.7 &It ; $f \le 3.8 \text{ GHz}$: 1.08 (28) 3.8 &It ; $f \le 5.0 \text{ GHz}$: 1.15 (23) 5.0 &It ; $f \le 6.0 \text{ GHz}$: 1.22 (20)

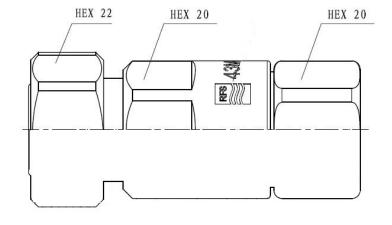
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MECHANICAL SPECIFICATIONS				
Plating Outer/Inner		Tri metal alloy/Silver		
Length	mm (in)	53 (2.087)		
Outer Diameter	mm (in)	22 (0.866)		
Outer Contact Attachment		360° clamping		
ACCESSORIES				
Wrench size front	mm (in)	20 (22)		
Wrench size rear	mm (in)	20		
Trimming Tool		TRIM-SET-S38-D01		
TESTING AND ENVIRONMENTAL				
Waterproof Level		IP68		



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