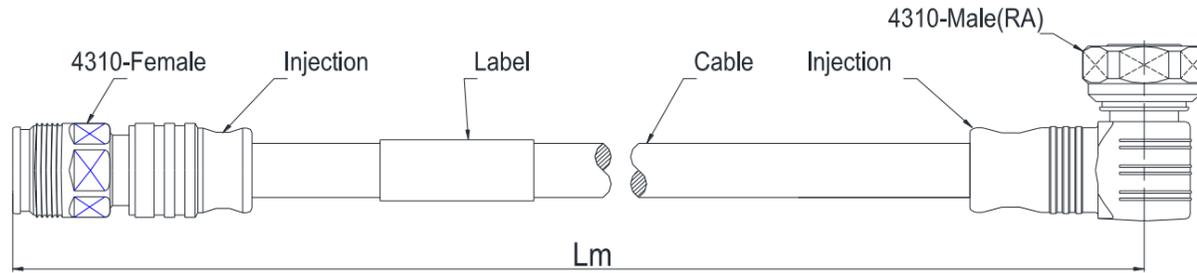




Product specification

HUGHES 1/2" SCF 4.3-10 FEMALE TO 4.3-10 R/A MALE

25-114122885/XXHE



Product Description

Jumper Length	Lm(As Per Customized)	
Cable Type	HUGHES 1/2" SCF	
Inner Conductor	Copper-Clad Aluminum Wire	
Dielectric	Physical Foam Polyethylene	
Outer Conductor	Corrugated Copper Tube	
Jacket	Black PE	
Connector Type	4.3-10 type female	4.3-10 type right angle male
Inner Conductor Pin	Brass/Silver Plating	Brass/Silver Plating
Outer Conductor	Brass/Silver Plating	Brass/Trimetal Plating
Body	Brass/Trimetal Plating	Brass/Trimetal Plating
Insulator	PTFE	PTFE
Gasket	/	Silicon Rubber
Nut	/	Brass/Nickel Plating

Electrical Specifications

Characteristics Impedance	50 Ohm	
Frequency Range	DC~6 GHz	
Insulation Resistance	≥5000MΩ	
Dielectric Withstanding Voltage	2500V rms (DC)	
Operating Voltage	1000V	
Insertion Loss	@DC-2.7GHz	≤0.21*L+0.165dB (L=Cable Length)
	@2.7-4.0GHz	≤ 0.25*L+0.20dB (L=Cable Length)
	@4.0-6.0GHz	≤ 0.34*L+0.25dB (L=Cable Length)
VSWR	@DC-1.0GHz	≤1.08
	@1.7-3.0GHz	≤1.10
	@3.0-3.6GHz	≤1.15
	@3.6-4.0GHz	≤ 1.20
	@4.0-6.0GHz	≤ 1.25
PIM3(2*43dBm)	@1800MHz	≤ -160dBc

Environmental & Mechanical Specifications

Cable Tensile resistance	≥500N
Torque Proof (Nut)	4.3-10 type : 5N·m
Storage Temperature	-45°C to +65°C
Operating temperature	-45°C to +85°C
Water Proof level	IP68 24hr, 1m, 20°C
RoHS	Compliant

Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informative purposes only and are subject to change

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