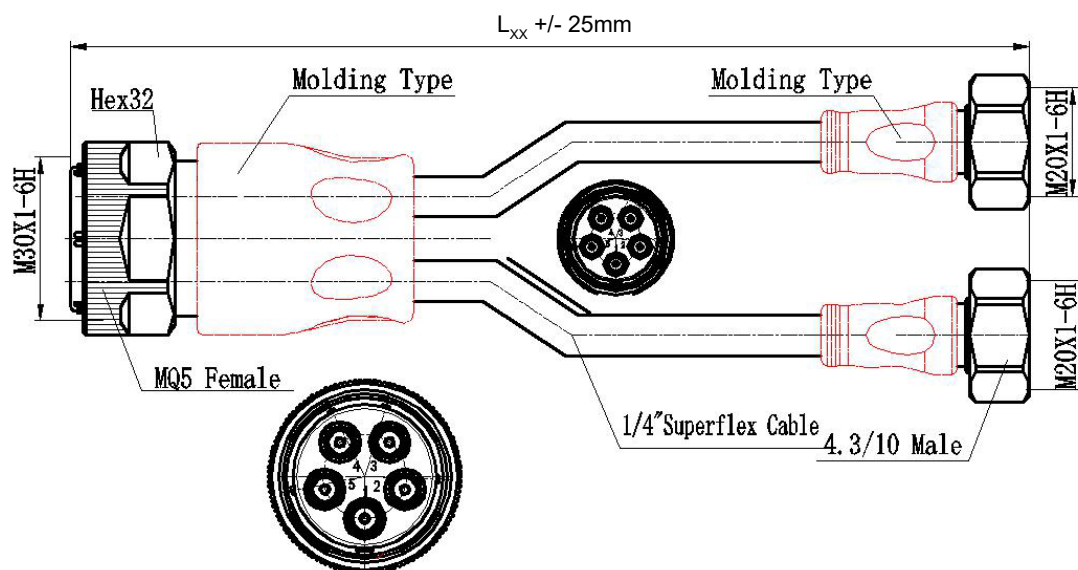




Product specification

HUGHES 1/4" SCF MQ5 Female to 4.3-10 M

25-110112865/xx



Description

Hughes cable assembly on 1/4" superflexible cable of MQ5 female to 4.3-10 male

Specification

Interface

According to

IEC 63138-3 IEC 61169-54

Electrical

Characteristic Impedance	50 ohm
Frequency Range	DC-6GHz
VSWR	≤ 1.10 (DC-2.2GHz) ≤ 1.15 (2.2-2.7GHz) ≤ 1.20 (2.7-4.2GHz) ≤ 1.30 (4.2-6GHz)
PIM (@2-tonex20w)	≤ -160 dBc
Dielectric Withstanding Voltage	≥ 1000 V RMS,50Hz,at sea level
Dielectric Resistance	≥ 5000 M Ω
Insertion Loss	≤ 0.923 dB(1800MHz) ≤ 1.082 dB(2200MHz) ≤ 1.225 dB(2700MHz) ≤ 1.416 dB(3500MHz) ≤ 1.899 dB(6000MHz)

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Making Good Ideas Happen



Product specification

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Mechanical

Durability

Mating cycles ≥ 100 cycles

Material and Plating

	Material	Plating
Body	Brass	SnNi3
Body	Brass	Ag3
Bifurcated conductor	Br on z e	Ag3
Insulator	PTFE	-
Center conductor	Bronze (MQ)	Ag5
	Brass(4.3/10)	Ag5
Barrel	Brass	NiSn3
Seal ring	Silicone	-

Environmental

Temperature Range	-55°C ~ +125°C
Watertightness	IP67
RoHS-compliance	Full RoHS compliance
Salt-fog test	720h(SnNi3) 48h(else)

