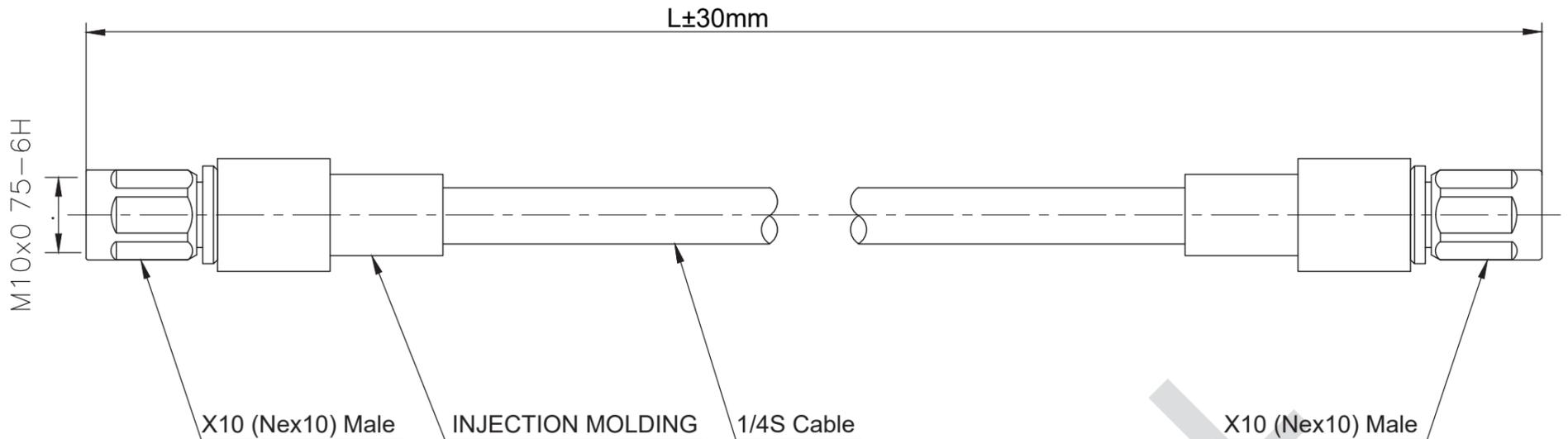




Product specification

HUGHES 1/4" X10 MALE TO X10 MALE

25-1K1K12865/XXHE



Description

Hughes coaxial jumper assembly on 1/4" superflexible cable terminated with X10 (Nex10) Male connectors on both ends.

Specification

General		
Cable Type	1/4 Super flex cable	
Cable Length	L (m) ± 30mm	
Inner Conductor	Copper-Clad Aluminum Wire	
Dielectric	Physical Foam Polyethylene	
Outer Conductor	Corrugated Copper Tube	
Jacket	LSZH (Black)	
Connectors	X10 Male	X10 Male
Inner Conductor Pin	Brass/Silver Plating	Brass/Silver Plating
Body & Outer Conductor	Brass/Tri-Metal Plating	Brass/Tri-Metal Plating
Insulator	PTFE	PTFE
Gasket	Silicone Rubber	Silicone Rubber
Electrical		
Characteristics Impedance	50Ω	
Frequency Range	DC~6GHz	
Insulation Resistance	≥5000MΩ	
Dielectric Withstanding Voltage	2500V RMS (DC)	
Operating Voltage	1000V RMS	
Insertion Loss @DC-3.6 GHz	≤0.35*L+0.2dB	
VSWR	@DC-3.0 GHz	≤1.12
	@3.0-3.6 GHz	≤1.15
PIM	≤-160dBc	
Environmental and Mechanical Specifications		
Durability	≥500 cycles	
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D	
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A	
Temperature Range	-40°C to +85°C	
RoHS	Compliant	
Sealing Class	IP67	

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

Hughes Electronics Ltd
 Unit G, Southwark Business Center,
 Ayres Street, London, SE1 1ES, UK
 Co. No. 2827242 VAT No. 653 5771 17

Tel: (44) 020 7378 1400
 Fax: (44) 020 7378 1434
 email: sales@hugheselectronics.co.uk
 web: www.hugheselectronics.co.uk



Making Good Ideas Happen