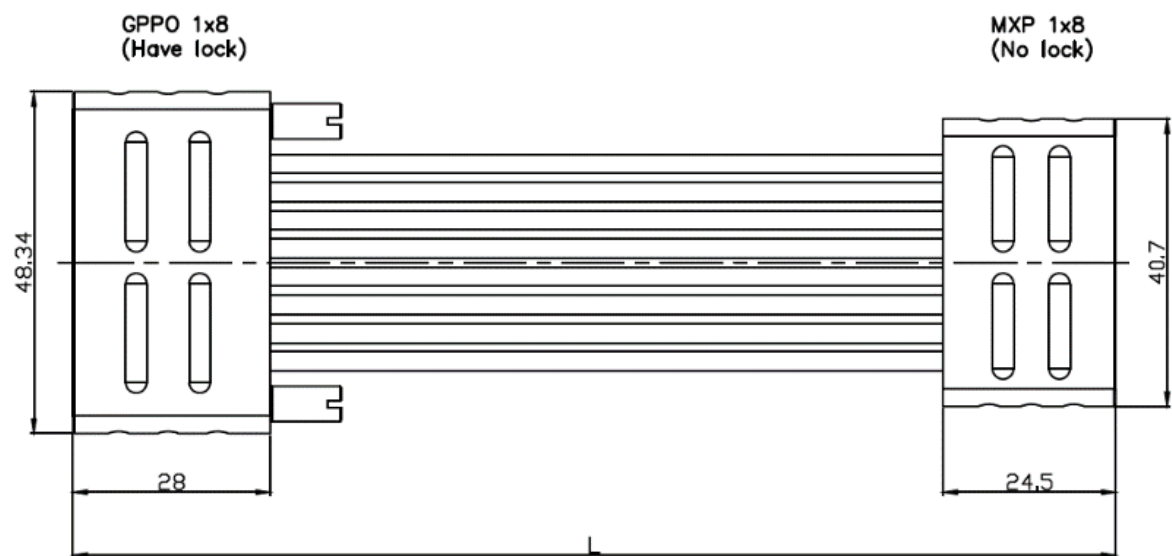


Multi-coaxial Cable Assembly Datasheet



RGHD-HS08-xxxS-4NC1



Configuration

Connector 1 Type	GPPO Female
Connector 2 Type	HS40 Female
Connector Body	Aluminium Alloy/Anodizing
Cable Type	Low Loss Stable Phase (Internal connection)
Cable Diameter	2.65mm

Electrical Characteristics

Impedance	50Ω
Frequency Range	DC to 40GHz
Return Loss	≥14dB, DC to 40GHz
Insertion Loss	≤5.8/1000*L+1.0dB, DC to 40GHz
Phase Mating	±2ps

Mechanical Properties

Mechanical Life	500 cycles
Mating Force (Per single channel)	3.5N Max.
Demating Force (Per single channel)	3.5N Max.

Environment Data

Working Temperature	-40℃ ~ +85℃
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Cable Chart

Multi-coaxial Cable Assembly Datasheet



Connector 1	Cable Label	Cable Chart	Cable Label	Connector 2
GPPO TX1-4	TX1P		TX3P	HS40 J4
	TX1N		TX3N	
	TX2P		TX1P	
	TX2N		TX1N	
	TX3N		TX7P	
	TX3P		TX7N	
	TX4N		TX5P	
	TX4P		TX5N	
GPPO RX1-4	RX1P		TX6N	HS40 J5
	RX1N		TX6P	
	RX2P		TX8N	
	RX2N		TX8P	
	RX3N		TX2N	
	RX3P		TX2P	
	RX4N		TX4N	
	RX4P		TX4P	
GPPO TX5-8	TX5P		RX6N	HS40 J6
	TX5N		RX6P	
	TX6P		RX8N	
	TX6N		RX8P	
	TX7N		RX2N	
	TX7P		RX2P	
	TX8N		RX4N	
	TX8P		RX4P	
GPPO RX5-8	RX5P		RX5N	HS40 J7
	RX5N		RX5P	
	RX6P		RX7N	
	RX6N		RX7P	
	RX7N		RX1N	
	RX7P		RX1P	
	RX8N		RX3N	
	RX8P		RX3P	

Order Information

P/N	Description
RCHD-HS08-030S-4NC1	Multi-coaxial Cable Assembly,GPPO(F) to HS40(F),1x8,2.65mm,30cm
RCHD-HS08-xxxS-4NC1	Multi-coaxial Cable Assembly,GPPO(F) to HS40(F),1x8,2.65mm,xxxcm