Technical Data Sheet

COAXHD 8 CHANNELS TO 1.85 M-70GHz C/A

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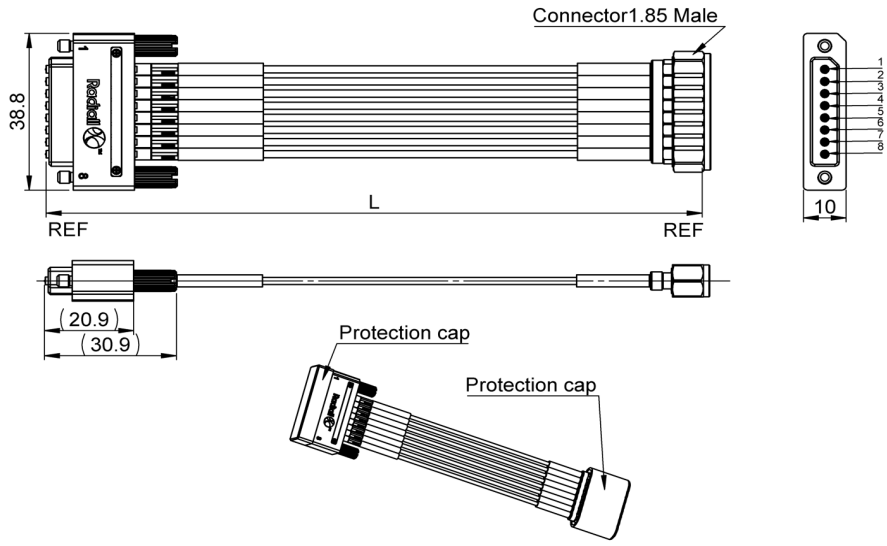
CUSTOMER : - SPECIFICATION : - ISSUE : - DATE: -

All dimensions are in mm



CONNECTORS DESIGNATION Connector 1: **1.85mm Male Straight Plug**

Torque wrench : 0.9 N.m

Connector 2: **COAXHD Straight Plug (Radiall design and patent)**

Torque wrench : NA N.m min

COMPONENTS	MATERIALS	PLATING (µm)	MATERIALS	PLATING (µm)
Body	**STAINLESS STEEL**	**PASSIVATION**	**COPPER ALLOY/ALUMINUM**	**GOLD,ANODIZED**
Center contact	**COPPER ALLOY**	**GOLD**	**COPPER ALLOY**	**GOLD**
Outer contact			-	-
Insulator	**PEI**		**PEI**	
Gasket				
Others parts	**STAINLESS STEEL**	**PASSIVATION**	**STAINLESS STEEL**	**PASSIVATION**

ELECTRICAL CHARACTERISTICS

Characteristic impedance	**50** Ohms	Return loss(dB):	**15** typ
Frequency band :	**DC - 70** GHz	Phase delay(ps):	**±1**
Insertion loss (dB):	**2.5** Max		

MECHANICAL CHARACTERISTICS

Static bending radius : *Single cable*	**9** mm	Nominal Weight(g): `	**53.9**
Dynamic bending radius : *Single cable*	**18** mm	L(mm)	**152** Nominal
Life (Connectors) :	**1000*** Cycles		

ENVIRONMENTAL CHARACTERISTICS

Connector temperature range : **0/+85 °c**

Remark : ***1000 cycles for COAXHD connector, 500 cycles for 1.85 mm connector**

Cable Assembly is RoHS compliant.

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