



CATALOGUE

RF Connector



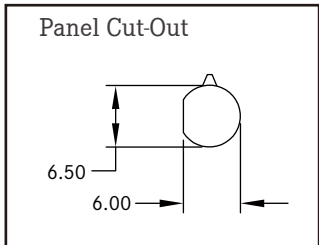
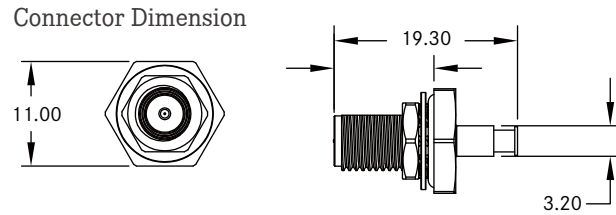
Specification

Identifications	SMA Type, N Type
Description	Bulkhead & Bulkhead with Cable Assembly
Impedance	50 Ohm
Frequency Range	0 ~ 6GHz
Material	Connector Body: Copper Alloy, Nickel Plated Contact: Copper Alloy, Gold Plated Insulation: Teflon Gasket: Silicone Rubber Crimp Ferrule: Copper Alloy, Nickel Plated
Waterproof Rating	IP68 (1m/24 hours)
Temperature Range	-40°C ~ 105°C
Contact Resistance	Center contact = 3 mΩ Max. Out contact = 2 mΩ Max.
Insulation Resistance	5,000 MΩ Min.
Voltage Rating	SMA Type: 335 Volts rms at sea level N Type: 1000 Volts rms at sea level
VSWR	SMA Type: DC~3.0GHz 1.3:1 Max. 3.0~6.0GHz 1.5:1 Max. N Type: DC~6.0GHz 1.35:1 Max.
RF Leakage	SMA Type: -60dB Min.(2~3GHz) N Type: -90dB Min.(2~3GHz)
Insertion Loss	0.3dB Max. at 6GHz
Breakdown Voltage	SMA Type: 500V rms minimum for connectors using RG178 N Type: 1,500V rms minimum for connectors using RG400 and RG142.
More to know	Standard Cable Length: 100~300mm

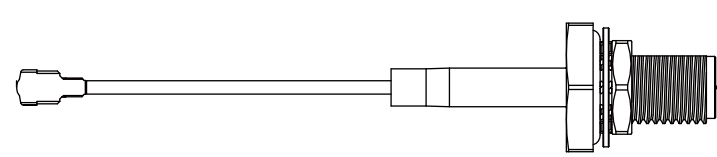
【Note】 Design and specification are subject to change without notice.

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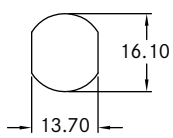
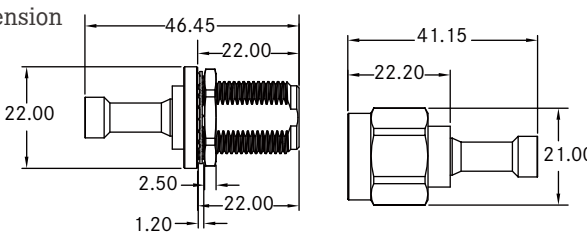
▾ SMA Type > Bulkhead

				
Unit: mm				
Connector	Contact Gender	Ferrule Type	Part Number	Cable Type
SMA Type Female	Female	Mated Waterproof	RF5B-HFFCL8-08A1001	RG178
			RF5B-HFFCL8-53A1001	1.13mm
			RF5B-HFFCL8-54A1001	1.32mm
			RF5B-HFFCL8-55A1001	1.37mm
	Male		RF5B-HFMCL8-08A1001	RG178
			RF5B-HFMCL8-53A1001	1.13mm
			RF5B-HFMCL8-54A1001	1.32mm
			RF5B-HFMCL8-55A1001	1.37mm

▾ SMA Type > Bulkhead with Cable Assembly

					
Connector 1	Contact Gender	Connector 2	Part Number	Cable Type ^④	Cable Length ^⑥
SMA Type Female	Female	I-PEX Type (MHF)	RF5B- ^④ A1 ^⑥ -MHF801	(08) RG178 (53) 1.13mm (54) 1.32mm (55) 1.37mm	(010) 100mm (015) 150mm (020) 200mm (025) 250mm (030) 300mm
	Male	I-PEX Type (MHF)	RF5C- ^④ A1 ^⑥ -MHF801		

≧ N Type > Bulkhead

Panel Cut-Out		Connector Dimension		
				
Unit: mm				
Connector	Contact Gender	Ferrule Type	Part Number	Cable Type Available
N Type Female	Female	Mated Waterproof	RF5A-HFFCL8-08A1001	RG178
			RF5A-HFFCL8-53A1001	1.13mm
			RF5A-HFFCL8-54A1001	1.32mm
			RF5A-HFFCL8-55A1001	1.37mm
		Unmated Waterproof	RF5A-HFFCL8-08A2001	RG178
			RF5A-HFFCL8-53A2001	1.13mm
			RF5A-HFFCL8-54A2001	1.32mm
			RF5A-HFFCL8-55A2001	1.37mm
N Type Male	Male	Mated Waterproof	RF5A-JMMCL8-03A1001	G58A/U
			RF5A-JMMCL8-06A1001	RG142
		Unmated Waterproof	RF5A-JMMCL8-03A2001	G58A/U
			RF5A-JMMCL8-06A2001	RG142

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