

Accessories

Adaptors



Description

RF Adaptor with Between Series & IN - Series is very typical type for communication systems. LS Adaptors are designed and produced to have features as below.

- Excellent V.S.W.R Performance
- Very Low Intermodulation
- Fast and Easy Installation
- Waterproof
- Environment Resistance Ensures Long Life and Consistent Performance

Adaptor type & product code

<Between series>

Product code	Adaptor Type	Gender A	Gender B
AHF NM(F)DM(F)	N / 7/16DIN	Male (Female)	Male (Female)
AHF SM(F)NM(F)	SMA / N	Male (Female)	Male (Female)

<In-series>

Product code	Adaptor Type	Gender A	Gender B
AHF NM(F)NF(M)	N	Male (Female)	Male (Female)
AHF DM(F)DF(M)	7/16DIN	Male (Female)	Male (Female)
AHF SM(F)SF(M)	SMA	Male (Female)	Male (Female)

Electrical Characteristics

Impedance		50 Ω
Frequency Range		DC to 3 GHz
V.S.W.R (Max)		1.07:1(DC to 3 GHz)
Insertion (Max)		-0.1 dB
Intermodulation Distortion		≤ -150 dBc (2 \times 43dBm carrier)
Insulation Resistance		$\geq 5 \times 10^3$ m Ω
Dielectric Withstanding	Voltage (at sea level)	2500V rms, 50 Hz
	Working Voltage (at sea level)	≤ 1000 V rms, 50 Hz
Contact Resistance	Center Contact	≤ 1.0 m Ω
	Outer Contact	≤ 1.0 m Ω

Environmental Characteristics

Temperature Range	-65 $^{\circ}$ C ~ +165 $^{\circ}$ C
Temperature Shock	MIL-STD202, Method107, Condition B
Moisture Resistance	MIL-STD202, Method106
Corrosion	Saltspray test acc. To MIL-STD-202 Method101D Condition B
Shock	MIL-STD-202, Method213. Condition I