

PRODUCT DATASHEET 716M-716F Coaxial Adapter 7-16 male - female

Coaxial Adapter, 7-16 Male/Female FEATURES / BENEFITS



Product LineProduct TypeMECHANICAL SPECIFICATIONSConnector ACenter Contact Connector AOuter Contact Connector BCenter Contact Connector BOuter Contact Connector BDielectricSealing classFrequency Range - MHzVSWR, Return LossInsertion Loss, dB (Max)AdBc	Coaxial Cable Components Coaxial Adapter Phosphor Bronze, silver plated Coaxial Adapter Phosphor Bronze, silver plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 DC - 6000 Ocoor 3000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.05 (30.71)
MECHANICAL SPECIFICATIONSConnector ACenter Contact Connector AOuter Contact Connector AConnector BCenter Contact Connector BOuter Contact Connector BDielectricSealing classELECTRICAL SPECIFICATIONSFrequency Range - MHzVSWR, Return LossVSWR, Return Loss, dB (Max)AB3rd Order IM Product @ 2x20dBc	7-16 DIN Male Phosphor Bronze, silver plated Brass, Tri metal alloy plated 7-16 DIN Female Phosphor Bronze, silver plated Phosphor Bronze, silver plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Connector AImage: Connector ACenter Contact Connector AImage: Connector BConnector BImage: Connector BCenter Contact Connector BImage: Connector BDielectricImage: Connector BSealing classImage: Connector BELECTRICAL SPECIFICATIONSImage: Connector BVSWR, Return LossVSWR (dB)Insertion Loss, dB (Max)dB3rd Order IM Product @ 2x20dBc	Phosphor Bronze, silver plated Brass, Tri metal alloy plated 7-16 DIN Female Phosphor Bronze, silver plated Brass, Tri metal alloy plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Center Contact Connector AOuter Contact Connector AConnector BCenter Contact Connector BOuter Contact Connector BDielectricSealing classELECTRICAL SPECIFICATIONSFrequency Range - MHzVSWR, Return LossVSWR (dB)Insertion Loss, dB (Max)dB3rd Order IM Product @ 2x20dBc	Phosphor Bronze, silver plated Brass, Tri metal alloy plated 7-16 DIN Female Phosphor Bronze, silver plated Brass, Tri metal alloy plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Outer Contact Connector AConnector BCenter Contact Connector BOuter Contact Connector BDielectricSealing classELECTRICAL SPECIFICATIONSFrequency Range - MHzVSWR, Return LossVSWR, Return Loss, dB (Max)dB3rd Order IM Product @ 2x20dBc	Brass, Tri metal alloy plated 7-16 DIN Female Phosphor Bronze, silver plated Brass, Tri metal alloy plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 O-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Connector BImage: Connector BCenter Contact Connector BImage: Connector BDielectricImage: Connector BSealing classImage: Connector BELECTRICAL SPECIFICATIONSImage: Connector BFrequency Range - MHzImage: Connector BVSWR, Return LossVSWR (dB)Insertion Loss, dB (Max)Image: Connector BGlacImage: Connector BImage:	7-16 DIN Female Phosphor Bronze, silver plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Center Contact Connector B Outer Contact Connector B Dielectric Sealing class ELECTRICAL SPECIFICATIONS Frequency Range - MHz VSWR, Return Loss VSWR, Return Loss, dB (Max) dB 3rd Order IM Product @ 2x20	 Phosphor Bronze, silver plated Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Outer Contact Connector B Dielectric Sealing class ELECTRICAL SPECIFICATIONS Frequency Range - MHz VSWR, Return Loss VSWR, Return Loss, dB (Max) dB 3rd Order IM Product @ 2x20	Brass, Tri metal alloy plated PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Dielectric Dielectric Sealing class ELECTRICAL SPECIFICATIONS Frequency Range - MHz VSWR, Return Loss VSWR, Return Loss Insertion Loss, dB (Max) dB Grd Order IM Product @ 2x20 dBc	PTFE IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Sealing class ELECTRICAL SPECIFICATIONS Frequency Range - MHz VSWR, Return Loss VSWR, Return Loss Insertion Loss, dB (Max) dB 3rd Order IM Product @ 2x20 dBc	IP68, connected DC - 6000 0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
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Frequency Range - MHz VSWR, Return Loss VSWR (dB) Insertion Loss, dB (Max) dB 3rd Order IM Product @ 2x20 dBc	0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
VSWR, Return Loss VSWR (dB) Insertion Loss, dB (Max) dB 3rd Order IM Product @ 2x20 dBc	0-2000 MHz: 1.04 (34.15) 2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
Insertion Loss, dB (Max) dB 3rd Order IM Product @ 2x20 dBc	2000-3000 MHz: 1.06 (30.71) 3000-6000 MHz: 1.10 (26.44)
3rd Order IM Product @ 2x20	0.05
dBc	
	-163
TEMPERATURE SPECIFICATIONS	
Operation Temperature °C (°F)	-45 to 85 (-49 to 185)
PACKAGING INFORMATION	
Package Quantity	1
External Document Links	Notes

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