查询"B1112E1-ND3G-5-50"供应商

The Amphenol SMB/SMC subminiature coaxial connectors with 50 ohm impedance are for applications to 4 GHz (SMB) or 10 GHz (SMC). Generally less expensive than SMA, these connectors are used primarily in applications for microwave telephone and other nondefense telecommunications requirements.

SMB connectors feature quick connect/disconnect snap-on mating and operate to 4 GHz with low reflection.

SMC connectors have #10-32UNF-threaded screw-on couplings and operate reliably to 10 GHz.

SMZ connectors are matched-impedance SMB connectors to be used with 75 ohm miniature coax cables. The connectors are the same size as, and intermateable with, standard 50 ohm SMB connectors.

Electrical Specifications

Electrical data		SMB		SMC	
Impedance		50 ohm		50 ohm	
Frequency range		0-4 GHz		0-10 GHz	
VSWR *f in GHz	Cable dielectric dimensions	0.87 mm [.034"]	1.5 mm [.059"]	0.87 mm [.034"]	1.5 mm [.059"]
	Straight connector DC-1000 MHz	1.3 + 0.04f	1.25 + 0.04f	1.25 + 0.04f	1.15 + 0.04f
	Right angle connector DC-1000 MHz	1.4 + 0.08f	1.3 + 0.04f	1.4 + 0.06f	1.25 + 0.04f
Dielectric withstanding Voltage 50 Hz rms		750V	1000V	750V	1000V
Working voltage 50 Hz rms		250V	335V	250V	335V
Working voltage DC		350V	450V	350V	450V
Insulation resistance		1000 Megohms min		1000 Megohms min	
Contact Resistance	Inner conductor	3 Megohms		3 Megohms	
	Outer conductor	0.5 Megohms		0.5 Megohms	
Insertion loss (db max.)	Straight connectors	.30 db max. at 1.5 GHz		.25 db max. at 4 GHz	
	Right angle connectors	.60 db max. at 1.5 GHz		.50 db max. at 4 GHz	

Material Specifications

Parts Name		Material	Finish
Body, Metal parts		Brass per QQ-B-626	Nickel or gold per requirement
Contacts	Male	Brass per QQ-B-626	30 µ"Gold
	Female	Female Beryllium copper, Per QQ-C-530, heat treated per MIL-H-7199	30 µ"Gold
Insulators		PTFE	None
Gasket		Silicone rubber	None
Crimp ferrules		Seamless copper tubing alloy	Nickel or gold per requirement

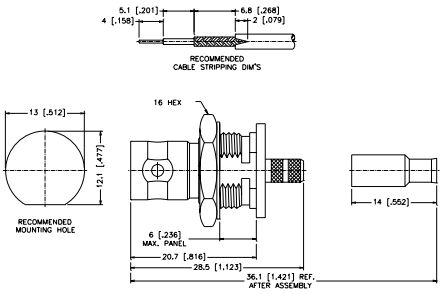
Bulkhead Jack Crimp Attachment for Flexible Cable

查询"B1112E1-ND3G-5-50"供应商

Bulkhead Isolated Crimp Jack - Miniature Cable

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
B6721E1-NT3G-5-50	05	Nickel	Teflon	50	9
B6721E1-NT3G-6-75	06	Nickel	Teflon	75	9

Remark: 6.0 [.236] Max. panel thickness



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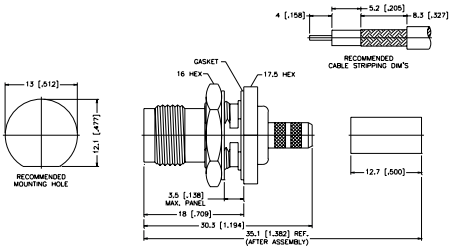
Bulkhead Jack Crimp Attachment for Flexible Cable

查询"B1112F1-ND3G-5-50"供应商

Bulkhead Crimp Jack - Standard Cable

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
T6421A1-NT3G-1-50	01	Nickel	Teflon	50	3 or 4
T6421A1-NT3G-3-50	03	Nickel	Teflon	50	4
T6421A1-NT3G-3-75	03	Nickel	Teflon	75	4
T6421A1-NT3G-1A-50	01A	Nickel	Teflon	50	3 or 4
T6421A1-ND3G-1B-50	01B	Nickel	Delrin	50	3 or 4
T6421A6-NT3G-7C-50	07C	Nickel	Teflon	50	6
T6421A1-NT3G-8-75	08	Nickel	Teflon	75	5
T6421C2-NT3G-19-75	19	Nickel	Teflon	75	3

Remark: 3.5 [.138] Max. panel thickness



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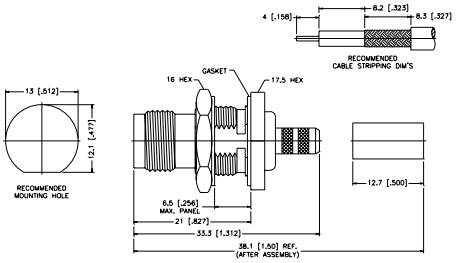
Bulkhead Crimp Jack - Standard Cable

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
T6421A2-NT3G-1-50	01	Nickel	Teflon	50	3 or 4
T6421A2-NT3G-3-50	03	Nickel	Teflon	50	4
T6421A2-NT3G-3-75	03	Nickel	Teflon	75	4

Remark: 6.5 [.256] Max. panel thickness



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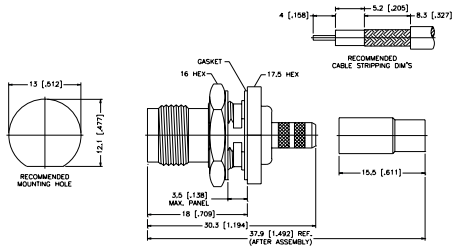
Bulkhead Crimp Jack - Plenum Cable

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
T6421C1-001-NT3G-2-50	02	Nickel	Teflon	50	3 or 4

Remark: 3.5 [.138] Max. panel thickness



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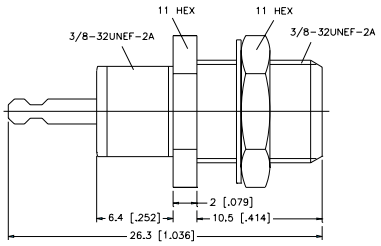
For Reversed Polarized connectors contact local Amphenol Sales Branch.

Receptacles

查询"B1112E1-ND3G-5-50"供应商

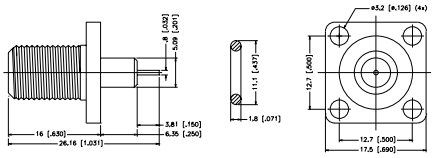
Bulkhead Receptacle

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
F6351A1-003-NPPT-75	N/A	Nickel	P.P.	75	N/A

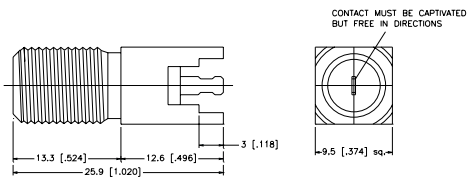


Panel Receptacle - Exposed Teflon

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
F6551A1-002-NTT	N/A	Nickel	Teflon	75	N/A



Printed Circuit Board Connectors

P.C. Board Receptacle

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
F625100-NPPT-75	N/A	Nickel	P.P.	75	N/A