TRILOGY® Communications



TRILOGY® Transline & Radiating 1 - ⅝” Connectors

General Specifications						
Interface	**N Male**	**N Female**	**4.3-10 Male**	**4.3-10 Female**	**7-16 Male**	**7-16 Female**
Body Style	Straight					
Electrical Specifications						
Impedance, Ohms [Ω]	50					
Return Loss DC to 3 GHz	≤ -28 dB					
Dielectric Withstand Voltage [kV DC]	2.0		2.5		4.0	
Average Power [kW]	0.6		0.5		1.0	
Peak Power, maximum [kW]	10		5		32	
PIM (2 x 20 Watt carrier) [dBc]	-160 (Typical)					
Mechanical Specifications						
Torque of interface [ft/lb]	1.25		3.68		25	
Outer Diameter [in]	2.52					
Length [in]	3.89	3.76	4.03	3.82	3.61	3.50
Weight [lb]	1.46	1.40	1.42	1.38	1.48	1.40
Environmental Specifications						
Temperature Range, °F [°C]	-40° to 158° [-40° to 70°]					
Degree of protection	IP 68					
Materials						
External	Brass with Trimetal					
Inner Contact Plating	Brass with Silver					
Outer Contact Plating	Brass with Silver					
Cable Dimensions [in]						
Inner conductor outer diameter	0.727					
Outer conductor outer diameter	1.897					
Jacket outer diameter	1.985					
Product Codes						
Connector code	**NMA15850B**	**NFA15850B**	**43MA15850B**	**43FA15850B**	**DMA15850B**	**DFA15850B**

***Prep Tool Code: CT15850P**

Marmon Industrial Energy & Infrastructure

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