



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]	1.58					
Length [in]	2.99	2.76	2.85		2.87	2.76
Weight [lb]	0.57	0.55	0.59	0.56	0.64	0.58
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	0.383					
Outer conductor outer diameter	1.007					
Jacket outer diameter	1.092					
Product Codes						
Connector code	NMA07850B	NFA07850B	43MA07850B	43FA07850B	DMA07850B	DFA07850B

***Prep Tool Code: CT07850AIO-2**