EMERSON
Network Power

CAMBRIDGE PRODUCTS

INCHES (MILLIMETERS)
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

Fixed Length Cable Assemblies

SMA RIGHT ANGLE PLUG TO SMA RIGHT ANGLE PLUG

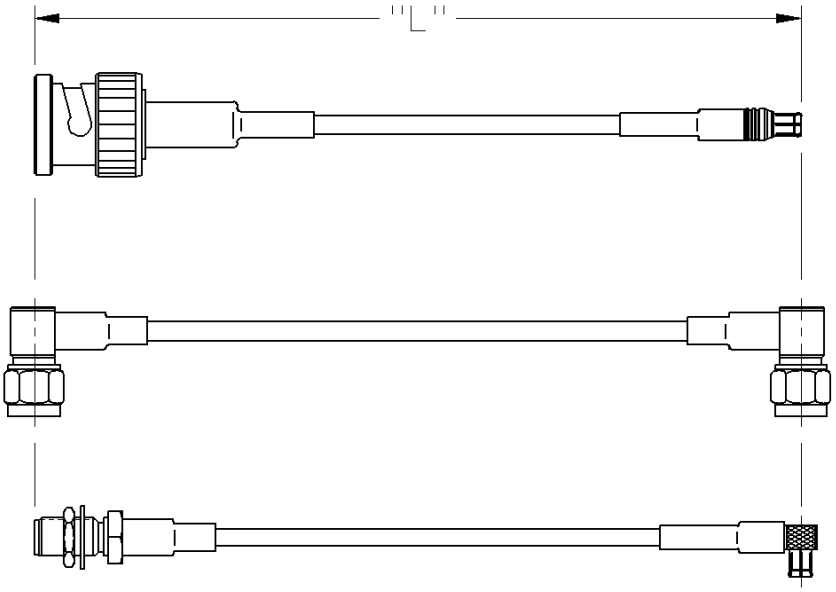
PART NUMBER	CABLE TYPE	CABLE LENGTH	CONNECTOR A	CONNECTOR B
415-0027-006	RG-178	6"	142-0402-101	142-0402-101
415-0027-012	RG-178	12"	142-0402-101	142-0402-101
415-0027-018	RG-178	18"	142-0402-101	142-0402-101
415-0027-024	RG-178	24"	142-0402-101	142-0402-101
415-0027-036	RG-178	36"	142-0402-101	142-0402-101
415-0027-048	RG-178	48"	142-0402-101	142-0402-101
415-0032-006	RG-316	6"	142-0403-101	142-0403-101
415-0032-012	RG-316	12"	142-0403-101	142-0403-101
415-0032-018	RG-316	18"	142-0403-101	142-0403-101
415-0032-024	RG-316	24"	142-0403-101	142-0403-101
415-0032-036	RG-316	36"	142-0403-101	142-0403-101
415-0032-048	RG-316	48"	142-0403-101	142-0403-101
415-0036-006	RG-316 DS	6"	142-0404-101	142-0404-101
415-0036-012	RG-316 DS	12"	142-0404-101	142-0404-101

PART NUMBER	CABLE TYPE	CABLE LENGTH	CONNECTOR A	CONNECTOR B
415-0036-018	RG-316 DS	18"	142-0404-101	142-0404-101
415-0036-024	RG-316 DS	24"	142-0404-101	142-0404-101
415-0036-036	RG-316 DS	36"	142-0404-101	142-0404-101
415-0036-048	RG-316 DS	48"	142-0404-101	142-0404-101
415-0041-012	RG-58	12"	142-0407-101	142-0407-101
415-0041-024	RG-58	24"	142-0407-101	142-0407-101
415-0041-036	RG-58	36"	142-0407-101	142-0407-101
415-0041-048	RG-58	48"	142-0407-101	142-0407-101
415-0041-060	RG-58	60"	142-0407-101	142-0407-101
415-0046-012	RG-142	12"	142-0408-101	142-0408-101
415-0046-024	RG-142	24"	142-0408-101	142-0408-101
415-0046-036	RG-142	36"	142-0408-101	142-0408-101
415-0046-048	RG-142	48"	142-0408-101	142-0408-101
415-0046-060	RG-142	60"	142-0408-101	142-0408-101

Electrical Ratings

Electrical ratings of a cable assembly are determined by the limiting connector type and cable size.

Connector	Cable	Connector Impedance (Ohms)	Frequency (GHz)	Dielectric Withstanding Voltage (Vrms)	Working Voltage (Vrms)
SMA	RG-178	50	12.4	500 Vrms	170 Vrms
	RG-316	50	12.4	750 Vrms	250 Vrms
	RG-316 DS	50	12.4	750 Vrms	250 Vrms
	RG-58	50	12.4	1000 Vrms	335 Vrms
	RG-142	50	12.4	1000 Vrms	335 Vrms



Johnson Components' cable length applies to the end of straight connectors. The length is applied to the vertical centroid of right angle connectors.
The last three digits of the part number reflect the length of the cable in inches.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cinch Connectivity Solutions:

415-0036-012