



IntelliConnect

A different kind of Interconnect Solutions Provider

Product Data Sheet

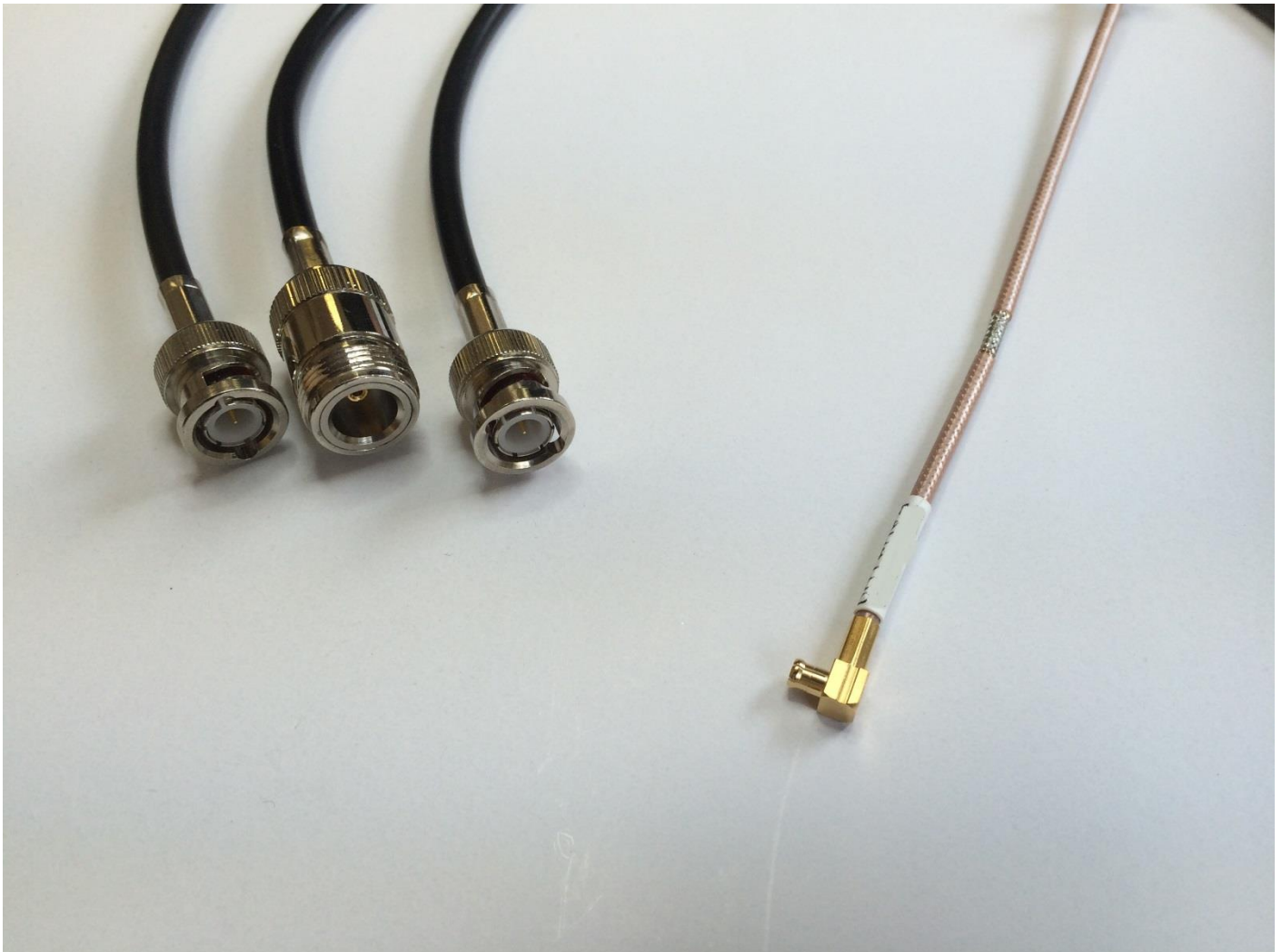
RG Style Coaxial Cables

Typical Applications – All types of Electronic/RF/Microwave Applications

GENERAL DESCRIPTION

The designation RG originates from old, obsolete Military specs and 'RG' stands for Radio Guide. The numbering system is random and the specs themselves may vary from manufacturer to manufacturer.

RG cables are extremely diverse in terms of size and performance. The table below defines the specifications for the high quality RG cables used by Intelliconnect.





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Nominal Performance Parameters for Popular RG Style Cables

Type (U)	Impedance (Ω)	Dielectric Type	Capacitance (pF/ft)	O.D. (in.)	dB/100 ft @400 MHz	Vmax (rms)	Shield	Max Frequency (GHz)
RG-8	50	PE	29.6	0.40 5	6	4,000	Braid	4
RG-8A	50	PE	29.6	0.40 5	6	5,000	Braid	4
RG-11	75	PE	20.6	0.40 5	5.7	4,000	Braid	1
RG-58	50	PE	28.8	0.19 5	11.7	1,900	Braid	3
RG-58C	50	PE	30.8	0.19 5	14	1,900	Braid	3
RG-59/A	75	PE	21.1	0.24 2	10.5	2,300	Braid	1
RG-59B	75	PE	20.6	0.24 2	9	2,300	Braid	1
RG-62/A/B	93	ASP	13.5	0.24 2	8	750	Braid	1
RG-122	50	PE	30.8	0.16	18	1,900	Braid	1
RG-142/A/B	50	ST	29.4	0.19 5	9	1,900	Braid	12.4
RG-174	50	PE	30.5	0.11	14.7	1200	Braid	3
RG-179	75	ST	20.9	0.1	21	1,200	Braid	1
RG-179A/B	75	ST	19.5	0.1	21	1,200	Braid	1
RG-213	50	PE	30.8	0.40 5	5.5	5,000	Braid	11
RG-214	50	PE	30.8	0.42 5	5.5	5,000	Dbl Braid	11
RG-223	50	PE	19.8	0.21 1	8.8	1,900	Dbl Braid	12.4
RD316	50	ST	29.4	0.11 4	16.9	1,200	Dbl Braid	12.4
RG-316	50	ST	29.4	0.10 2	20	1,200	Braid	3
RG-400	50	ST	29.4	0.19 5	9.6	1,900	Braid	12.4