

BENELEC

Braided Co-Axial Cable Specifications

BENELEC PART #	DESCRIPTION - SIZE/ROLL	IMP (W)	CAP* pF/m	CONDUCTOR SIZE	DIELECTRIC & Material	SHIELD	PICKS /INCH	% COVER	SHEATH	COLOUR	ATTENUATION** 100m		
											100MHz	400MHz	1000MHz
05602ABK	RG58C/U MIL-C-17D 100M	50±2	98	19/0.18mm TCW	2.95mm PE	7/16/0.127mm TCW BD	12	98.0%	4.95mm NCPVC	BLACK	18.27	41.11	73.08
05602ABK5	RG58C/U MIL-C-17D 500M	50±2	98	19/0.18mm TCW	2.95mm PE	7/16/0.127mm TCW BD	12	98.0%	4.95mm NCPVC	BLACK	18.27	41.11	73.08
05602AWTS	RG58C/U MIL-C-17D 100M	50±2	98	19/0.18mm TCW	2.95mm PE	7/16/0.127mm TCW BD	12	98.0%	4.95mm NCPVC	WHITE	18.27	41.11	73.08
05603	RG58 LOW LOSS - FOAM/FOIL BK 100M	50±2	87	19/0.203mmTCW	2.95mm PEF 60%	7/16/0.127mm TCW BD+M/F	8	100.0%	4.95mm NCPVC	BLACK	12.50	26.20	47.45
05604	RG213 LOW LOSS AIR SPACE / FOIL100M	50±2	79	1/2.75mm ABC	7.25mm APE	8/24/0.180mm TCW BD + M/F	8	100.0%	10.3mm NCPVC	BLACK	4.30	8.90	14.80
05605	RG213 MIL-C-17D BK 100M	50±2	90	7/0.752mm ABC	7.25mm PE	8/24/0.180mm ABC BD	8	96.0%	10.3mm NCPVC	BLACK	6.09	14.01	24.36
05605	RG213 MIL-C-17D BK 100M	50±2	90	7/0.752mm ABC	7.25mm PE	8/24/0.180mm ABC BD	8	96.0%	10.3mm NCPVC	BLACK	6.09	14.01	24.36
05607	RG214 M17/75 BLACK /MTR	50±2	90	7/0.752mm SC	7.25mm PE	95% SC BD + 97% X SC BD		95.0%	10.8mm NCPVC	BLACK	6.39	15.23	27.41
0560742	RG142 M17/60 /MTR	50±2	96.2	0.940mm SCS	2.95mm PTFE	2 x SC			4.95mm FEP	FAWN	17.99	38.36	62.13
05608	RG178B/U /MTR	50±2	85	7/0.102mm SCS	0.86mm TFE	96% SC BD		96.0%	1.9mm FEP	FAWN	42.02	85.26	140.07
056082	RG 223 M17/84 /MTR	50±2	100.72	0.89mm SC	2.95mm PTFE	2 x SC			5.38mm NCPVC	FAWN	21.25	39.24	68.67
056083	RG303 M17/111 /MTR	50±2	96.14	0.940mm SCS	2.95mm PTFE	1 x SC			4.32mm FEP-IX	FAWN	12.75	28.12	49.05
056084	RG316 M17/113 /MTR	50±2	96.14	7/0.17mm SCS	1.52mm PTFE	1 x SC			2.49mm FEP-IX	FAWN	34.34	68.67	124.26
056085	RG400 M17/128 /MTR	50±2	96.14	7/0.20mm SC	2.95mm PTFE	2 X 7/16/0.127mm SC	14	98.0%	4.95mm FEP	FAWN	14.71	34.34	55.59
056086	RG402 M17/130 /1.53m Lengths	50±2	96.14	0.920mm SCS	2.98mm PTFE	BC Tube		100.0%	3.58mm None	Tin	N/A	23.22	39.24
056087	RG401 M17/129 /1.53m Lengths	50±2	96.14	1.63mm SCS	5.31mm PTFE	BCTube		100.0%	6.35mm None	Tin	N/A	14.72	24.53
05609	RG174 M17/119 /MTR	50±2	91	7/0.160mm CS	1.52mm PE	88% TCW BD		88.0%	2.57mm NCPVC	BLACK	27.10	52.98	91.35
05613	RG11A/U BLACK 100M	75±2	63	7/0.404mm TCW	7.24mm PE	8/24/0.180mm ABC BD	8.2	96.0%	10.3mm NCPVC	BLACK	7.00	14.46	23.75
05616BK	RG59B/U BLACK 100M	75±2	64	1/0.584mm CS	3.71mm PE	7/16/0.16mm ABC BD	8.2	95.0%	6.15mm NCPVC	BLACK	10.35	21.32	36.54
05619	RG6A/U BLACK 100M	75±2	61	1/0.940mm CS	4.57mm PEF	4/16/0.20mm TCW BD + M/F	5.6	98.0%	8.43mm NCPVC	BLACK	7.75	15.07	25.39
05623	RG62A/U BLACK 100M	93±2	41	1/0.643mm CS	3.71mmSSPE	95% ABC BD		95.0%	6.15mm NCPVC	BLACK	8.22	16.14	26.49
05625	RG180B/U /MTR	95±2	44	7/0.102mm SCS	2.59mmTFE	93% SC BD		86.0%	3.56mm FEP	FAWN		51.77	
057002	BRAID TCW RG58 500M	N/A	N/A	N/A	N/A	7/16/0.127mm TCW BD FLAT	12	N/A	N/A	N/A	N/A	N/A	N/A
057005	BRAID BC RG213 500M	N/A	N/A	N/A	N/A	8/24/0.180mm ABC BD FLAT	8	N/A	N/A	N/A	N/A	N/A	N/A
057014	BRAID BC 500M	N/A	N/A	N/A	N/A	7/24/0.14mm ABC BD FLAT	8.2	N/A	N/A	N/A	N/A	N/A	N/A
057016	BRAID BC RG59 500M	N/A	N/A	N/A	N/A	7/16/0.16mm ABC BD FLAT	8.2	N/A	N/A	N/A	N/A	N/A	N/A

ABBREVIATIONS		VEL. FACR %
ABC	ANNEALED BARE COPPER	
APE	AIR SPACE POLYETHELENE	
BD	BRAID	
CS	COPPER PLATED STEEL	
FEP	FLUORINATED ETHYLENE PROPYLENE	80
FRPVC	FLAME RETADANT PVC	
M/F	MYLAR LAMINATED ALUMINIUM FOIL	
NCPVC	NON CONTAMINATION PVC	
P/I	PICKS PER INCH	
PE	POLYETHELENE	66
PEF	POLYETHELENE FOAM	78-80
PP	POLYPROPYLENE	
PVC	POLYVINYL CHLORIDE	45
SC	SILVER PLATED COPPER	
SCS	SILVER PLATED COPPER PLATED STEEL	
SSPE	SEMI SOLID POLYETHELENE	
TWC	TINNED COPPER WIRE	
PTFE	TETRALUOROETHYLENE (TEFLON)	80

*NOMINAL CAPACITANCE **MAXIMUM ATTENUATION, TYPICALLY THE ACTUAL RESULTS WILL BE BETTER

