

COAXIAL CABLE

MEETS OR EXCEEDS MIL-C-17 SSTCIFICATIONS WHERE APPLICABLE

	NOMINAL IMP.	MAX. VOLTAGE (V RMS)	CAPACITANCE pF / FT.	VELOCITY FACTOR	ATTENUATION AT 1 GHz dB/100FT	ATTENUATION AT 5 GHz dB/100FT	AVER. POWER HANDLING AT 1 GHZ (WATTS)	AVER. POWER HANDLING AT 5 GHZ (WATTS)	PRICE STR FOOT 50-99FT 100-249FT
MODEL NO.	NO. OF SHIELDS	CONDUCTOR DIAM.(in) [strands]	NOMINAL DIELECTRIC DIAM.(in)	DIELECTRIC MATERIAL	NOMINAL JACKET DIAM.(in)	JACKET MATERIAL	WEIGHT LBS/FT	OSTRATING TEMP. RANGE, °C	PRICE STR FOOT 250-499FT 500+ FT
RG225/U	50Ω 2	5000 0.094 [7]	29.4 0.285	69.0% PTFE (S)	7.5 0.430	21.0 PTFE (FR)	1700 W 0.173	620 W -55 TO +250	\$21.08 \$19.60 \$18.13 \$16.86
RG302/U	75Ω 1	2300 0.025	19.5 0.146	69.5% PTFE (S)	13.0 0.206	36.0 FEP	650 W 0.038	245 W -55 TO +200	\$3.13 \$2.91 \$2.69 \$2.50
RG303/U	50Ω 1	1900 0.039	29.4 0.116	69.5% PTFE (S)	13.0 0.170	36.0 FEP	650 W 0.03	245 W -55 TO +200	\$2.95 \$2.74 \$2.54 \$2.36
RG316/U	50Ω 1	1200 0.0201 [7]	29.4 0.06	69.5% PTFE (S)	30.0 0.102	79.0 FEP	160 W 0.01	57 W -55 TO +200	\$1.89 \$1.76 \$1.63 \$1.51
RG316-DS	50Ω 2	900 0.0201 [7]	29.4 0.06	69.5% PTFE (S)	30.0 0.114	79.0 FEP	160 W 0.015	57 W -55 TO +200	\$1.82 \$1.69 \$1.57 \$1.46
RG393/U	50Ω 2	5000 0.0936 [7]	29.4 0.285	69.5% PTFE (S)	7.5 0.390	21.0 FEP	1700 W 0.158	620 W -55 TO +200	\$10.05 \$9.35 \$8.64 \$8.04
RG400/U	50Ω 2	1900 0.0385 [18]	29.4 0.116	69.5% PTFE (S)	13.0 0.195	36.0 FEP	650 W 0.043	245 W -55 TO +200	\$4.29 \$3.99 \$3.69 \$3.43
RG401/U (3,13)	50Ω 1	3000 0.065	29.4 0.215	69.5% PTFE (S)	9.7 0.250	26.1 Cu	870 W 0.1	330 W -55 TO +125	\$12.81 \$11.91 \$11.02 \$10.25
RG402/U (4,13)	50Ω 1	2500 0.036	29.4 0.119	69.5% PTFE (S)	13.0 0.141	36.0 Cu	650 W 0.032	245 W -55 TO +125	\$4.23 \$3.93 \$3.64 \$3.38
RG405/U (4,13)	50Ω 1	2000 0.020	32.0 0.066	66.0% PTFE (S)	22.0 0.085	50.0 Cu	130 W 0.014	54 W -55 TO +125	\$3.78 \$3.52 \$3.25 \$3.02
ST-020SR (3,13)	50Ω 1	750 0.004	29.0 0.015	69.5% PTFE (S)	85.0 0.020	175.0 Cu	2.9 W 0.001	1.1 W -55 TO +85	\$10.55 \$9.81 \$9.07 \$8.44
ST-034SR (3,13)	50Ω 1	2000 0.008	32.0 0.026	66.0% PTFE (S)	60.0 0.034	120.0 Cu	10 W 0.002	4.5 W -55 TO +100	\$7.37 \$6.85 \$6.34 \$5.90
ST-047SR (4,13)	50Ω 1	1000 0.011	32.0 0.037	66.0% PTFE (S)	40.0 0.047	105.0 Cu	32 W 0.005	13 W -55 TO +100	\$6.31 \$5.87 \$5.43 \$5.05
ST-118SR (3)	50Ω 1	1000 0.0320	27.0 0.095	77.0% PTFE (LD)	12.2 0.118	28.2 Cu	500 W 0.023	210 W -40 TO +150	\$20.95 \$19.48 \$18.02 \$16.76
ST-142LL	50Ω 3	1400 0.037	29.0 0.116	70.0% PTFE (S)	12.5 0.195	31.0 FEP	650 W 0.04	330 W -55 TO +200	\$5.46 \$5.08 \$4.70 \$4.37
ST-B1828 (5)	75Ω 2	2900 0.031	21.0 0.198	66.0% ST (S)	9.2 0.305	23.0 PVC	52 W 0.068	17 W -40 TO +80	\$1.11 \$1.03 \$0.95 \$0.89
ST-B3199 (6)	50Ω 2	600 0.108	24.0 0.285	84.0% ST (AS)	4.5 0.405	12.0 PVC	344 W 0.105	113 W -40 TO +80	\$1.36 \$1.26 \$1.17 \$1.09
ST-B4199 (7)	50Ω 2	600 0.013	26.0 0.285	78.0% ST (F)	6.0 0.403	15.0 PVC	190 W 0.103	60 W -40 TO +80	\$0.95 \$0.88 \$0.82 \$0.76
ST-B7029 (TWINAX) (2)	100Ω 2	300 2X 0.037[7]	15.5 0.236	66.0% ST (S)	N/A 0.330	N/A PVC	N/A 0.065	N/A -30 TO +75	\$1.42 \$1.32 \$1.22 \$1.14
ST-B8128 (8)	75Ω 1	600 0.017 [7]	20.5 0.1	66.0% ST (S)	20.0 0.150	50.0 PVC	25 W 0.018	8 W -40 TO +80	\$0.48 \$0.45 \$0.41 \$0.38
ST-BYR940-BL (26)	75Ω 2	300 0.023	16.3 0.102	82% ST (F)	12.5 0.159	31.0 PVC	N/A 0.017	N/A -30 TO +75	\$0.95 \$0.88 \$0.82 \$0.76
ST-BYR940-BK (26)	75Ω 2	300 0.023	16.3 0.102	82% ST (F)	12.5 0.159	31.0 PVC	N/A 0.017	N/A -30 TO +75	\$0.95 \$0.88 \$0.82 \$0.76
ST-BYR940-WH (26)	75Ω 2	300 0.023	16.3 0.102	82% ST (F)	12.5 0.159	31.0 PVC	N/A 0.017	N/A -30 TO +75	\$0.95 \$0.88 \$0.82 \$0.76
ST-BYR940-RD (26)	75Ω 2	300 0.023	16.3 0.102	82% ST (F)	12.5 0.159	31.0 PVC	N/A 0.017	N/A -30 TO +75	\$0.95 \$0.88 \$0.82 \$0.76
ST-BYR940-GR (26)	75Ω 2	300 0.023	16.3 0.102	82% ST (F)	12.5 0.159	31.0 PVC	N/A 0.017	N/A -30 TO +75	\$0.95 \$0.88 \$0.82 \$0.76
ST-BYR940-YW (26)	75Ω 2	300 0.023	16.3 0.102	82% ST (F)	12.5 0.159	31.0 PVC	N/A 0.017	N/A -30 TO +75	\$0.95 \$0.88 \$0.82 \$0.76
ST-SR047AL (4,11)	50Ω 1	1000 0.011	32.0 0.037	69.5% PTFE (S)	41.0 0.047	93.0 Al (Tn)	32 W 0.002	13 W -55 TO +100	\$5.25 \$4.88 \$4.52 \$4.20
ST-SR047FL (17)	50Ω 1	1000 0.011	27.0 0.037	69.5% PTFE (S)	40.0 0.047	98.0 Cu (Tn)	32 W 0.003	13 W -40 TO +100	\$4.51 \$4.19 \$3.88 \$3.61
ST-SR401AL (3,12)	50Ω 1	3000 0.064	29.6 0.209	70.0% PTFE (S)	8.0 0.250	21.0 Al (Tn)	1400 W 0.06	680 W -55 TO +125	\$10.55 \$9.81 \$9.07 \$8.44
ST-SR401FL (16)	50Ω 1	5000 0.065	29.6 0.21	70.0% PTFE (S)	7.0 0.250	18.0 Cu (Tn)	1400 W 0.08	680 W -55 TO +200	\$9.49 \$8.83 \$8.16 \$7.59
ST-SR402-75 (4,13)	75Ω 1	1500 0.020	19.3 0.118	69.5% PTFE (S)	12.5 0.141	30.5 Cu	280 W 0.031	114 W -55 TO +125	\$5.04 \$4.69 \$4.33 \$4.03

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