

COAXIAL CABLE

MEETS OR EXCEEDS MIL-C-17 SSSCIFICATIONS WHERE APPLICABLE
(CONTINUED)

	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
ST-SR402AL (4,15)	50Ω 1	2500 0.036	29.9 0.118	69.5% PTFE (S)	13.0 0.141	31.0 Al (Tn)	450 W 0.019	180 W -55 TO +125	\$5.14 \$4.78 \$4.42 \$4.11
ST-SR402FL (9)	50Ω 1	1900 0.036	29.0 0.118	69.5% PTFE (S)	12.0 0.141	29.0 Cu (Tn)	450 W 0.025	180 W -40 TO +125	\$4.71 \$4.38 \$4.05 \$3.77
ST-SR405AL (4,14)	50Ω 1	2000 0.020	32.0 0.066	69.5% PTFE (S)	23.0 0.085	51.0 Al (Tn)	130 W 0.007	54 W -55 TO +125	\$4.76 \$4.43 \$4.09 \$3.81
ST-SR405FL (10)	50Ω 1	1500 0.020	29.0 0.063	69.5% PTFE (S)	22.0 0.085	50.0 Cu (Tn)	130 W 0.013	54 W -40 TO +125	\$6.65 \$6.18 \$5.72 \$5.32
ST-T100A (25)	50Ω 2	500 0.018	30.8 0.06	66.0% ST (S)	23.5 0.110	60.0 PVC	45 W 0.009	12 W -40 TO +85	\$1.15 \$1.07 \$0.99 \$0.92
ST-T195 (24)	50Ω 2	1000 0.037	24.3 0.11	80.0% ST (F)	11.5 0.195	26.5 ST	150 W 0.022	65 W -40 TO +85	\$0.95 \$0.88 \$0.82 \$0.76
ST-T200 (18)	50Ω 2	1000 0.044	24.5 0.116	83.0% ST (F)	11.0 0.195	19.0 ST	170 W 0.022	75 W -40 TO +85	\$2.72 \$2.53 \$2.34 \$2.18
ST-T240 (23)	50Ω 2	1500 0.056	24.2 0.15	84.0% ST (F)	8.0 0.240	19.0 ST	250 W 0.034	120 W -40 TO +85	\$1.92 \$1.79 \$1.65 \$1.54
ST-T300 (19)	50Ω 2	2000 0.070	24.1 0.19	85.0% ST (F)	6.5 0.300	15.5 ST	350 W 0.055	150 W -40 TO +85	\$1.68 \$1.56 \$1.44 \$1.34
ST-T400 (20)	50Ω 2	2500 0.109	23.9 0.285	85.0% ST (F)	4.5 0.405	10.0 ST	550 W 0.07	240 W -40 TO +85	\$3.35 \$3.12 \$2.88 \$2.68
ST-T500 (21)	50Ω 2	3000 0.142	23.6 0.37	86.0% ST (F)	3.5 0.500	8.5 ST	720 W 0.1	280 W -40 TO +85	\$2.55 \$2.37 \$2.19 \$2.04
ST-T600 (22)	50Ω 2	4000 0.176	23.4 0.455	87.0% ST (F)	3.0 0.590	7.0 ST	900 W 0.135	350 W -40 TO +85	\$3.79 \$3.52 \$3.26 \$3.03
ST-T002RML (18)	50Ω 2	1000 0.044	24.5 0.116	83.0% ST (F)	11.0 0.195	19.0 ST	170 W 0.022	75 W -40 TO +85	\$2.72 \$2.53 \$2.34 \$2.18
ST-T003RML (19)	50Ω 2	2000 0.070	24.1 0.19	85.0% ST (F)	6.5 0.300	15.5 ST	350 W 0.055	150 W -40 TO +85	\$1.68 \$1.56 \$1.44 \$1.34
ST-T004RML (20)	50Ω 2	2500 0.109	23.9 0.285	85.0% ST (F)	4.5 0.405	10.0 ST	550 W 0.07	240 W -40 TO +85	\$3.35 \$3.12 \$2.88 \$2.68
ST-T005RML (21)	50Ω 2	3000 0.142	23.6 0.37	86.0% ST (F)	3.5 0.500	8.5 ST	720 W 0.1	280 W -40 TO +85	\$2.55 \$2.37 \$2.19 \$2.04
ST-T006RML (22)	50Ω 2	4000 0.176	23.4 0.455	87.0% ST (F)	3.0 0.590	7.0 ST	900 W 0.135	350 W -40 TO +85	\$3.79 \$3.52 \$3.26 \$3.03
ST-T042RML (23)	50Ω 2	1500 0.056	24.2 0.15	84.0% ST (F)	8.0 0.240	19.0 ST	250 W 0.034	120 W -40 TO +85	\$1.92 \$1.79 \$1.65 \$1.54
ST-T591RML (24)	50Ω 2	1000 0.037	24.3 0.11	80.0% ST (F)	11.5 0.195	26.5 ST	150 W 0.022	65 W -40 TO +85	\$0.95 \$0.88 \$0.82 \$0.76

NOTES:

- (1) P = PLENUM CABLE, NEC 725-2(b) CLASS 2 - REQUIRES SSTICAL CONNECTORS
- (2) TWINAXIAL CABLE SIMILAR TO BELDEN 9207**
- (3) SEMI-RIGID CABLE, SOLD IN 5 FEET STRAIGHT PIECES ONLY
- (4) SEMI-RIGID CABLE, SOLD IN EITHER 5 FEET STRAIGHT PIECES OR COILS OF 50 FEET
- (5) SIMILAR TO BELDEN 8281**
- (6) SIMILAR TO BELDEN 9913**
- (7) SIMILAR TO BELDEN 9914**
- (8) SIMILAR TO BELDEN 8218**
- (9) RE-SHASTABLE VERSION OF RG402/U
- (10) RE-SHASTABLE VERSION OF RG405/U
- (11) TINNED ALUMINUM VERSION OF ST-047SR
- (12) TINNED ALUMINUM VERSION OF RG401/U
- (13) BARE COPSTR JACKET
- (14) TINNED ALUMINUM VERSION OF RG405/U
- (15) TINNED ALUMINUM VERSION OF RG402/U
- (16) RE-SHASTABLE VERSION OF RG401/U
- (17) RE-SHASTABLE VERSION OF ST-047SR
- (18) SIMILAR TO LMR200*
- (19) SIMILAR TO LMR300*
- (20) SIMILAR TO LMR400*
- (21) SIMILAR TO LMR500*
- (22) SIMILAR TO LMR600*

NOTES: (CONT'D)

- (23) SIMILAR TO LMR240*
- (24) SIMILAR TO LMR195*
- (25) SIMILAR TO LMR100A*
- (26) SIMILAR TO BELDEN 1855A**

MATERIALS:

Al (Tn)	TIN PLATED ALUMINUM
Cu	BARE COPSTR
Cu (Tn)	TIN PLATED COPSTR
FEP	FLUORINATED ETHYLENE PROPYLENE
ST	POLYETHYLENE
ST (A)	AIR-SPACE SOLID ST
ST (AS)	AIR-SPACE SEMI-SOLID ST
ST (F)	FOAM ST
ST (S)	SOLID ST
PTFE	POLYTETRAFLUOROETHYLENE
PTFE (A)	AIR-SPACE SOLID PTFE
PTFE (LD)	LOW-DENSITY PTFE
PTFE (S)	SOLID PTFE
PTFE (FR)	FIBERGLASS REINFORCED PTFE
PVC	POLYVINYLCHLORIDE

* LMR® IS A REGISTERED TRADEMARK OF TIMES MICROWAVE SYSTEMS

** BELDEN® IS A REGISTERED TRADEMARK OF BELDEN CDT INC.



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