

COAXIAL CABLE

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

	NOMINAL IMP.	MAX. VOLTAGE (V RMS)	CAPACITANCE pF / FT.	VELOCITY FACTOR	ATTENUATION AT		AVER. POWER HANDLING		PRICE STR FOOT	
					1 GHz dB/100FT	5 GHz dB/100FT	AT 1 GHZ (WATTS)	AT 5 GHZ (WATTS)	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	OPERATING TEMP. RANGE, °C	PRICE STR FOOT 250-499FT	500+ FT
ST-SR402AL (4,15)	50Ω	2500	29.9	69.5%	13.0	31.0	150 W	180 W	\$5.14	\$4.78
	1	0.036	0.118	PTFE (S)	0.141	Al (Tn)	0.019	-55 TO +125	\$4.42	\$4.11
ST-SR402FL (9)	50Ω	1900	29.0	69.5%	12.0	29.0	450 W	180 W	\$4.71	\$4.38
	1	0.036	0.118	PTFE (S)	0.141	Cu (Tn)	0.025	-40 TO +125	\$4.05	\$3.77
ST-SR405AL (4,14)	50Ω	2000	32.0	69.5%	23.0	31.0	130 W	54 W	\$4.76	\$4.43
	1	0.020	0.066	PTFE (S)	0.085	Al (Tn)	0.007	-55 TO +125	\$4.09	\$3.81
ST-SR405FL (10)	50Ω	1500	29.0	69.5%	22.0	30.0	130 W	54 W	\$6.65	\$6.18
	1	0.020	0.063	PTFE (S)	0.085	Cu (Tn)	0.013	-40 TO +125	\$5.72	\$5.32
ST-T100A (25)	50Ω	500	30.8	66.0%	23.5	60.0	45 W	12 W	\$1.15	\$1.07
	2	0.018	0.06	ST (S)	0.110	PVC	0.009	-40 TO+85	\$0.99	\$0.92
ST-T195 (24)	50Ω	1000	24.3	80.0%	11.5	26.5	150 W	65 W	\$0.95	\$0.88
	2	0.037	0.11	ST (F)	0.195	ST	0.022	-40 TO+85	\$0.82	\$0.76
ST-T200 (18)	50Ω	1000	24.5	83.0%	11.0	19.0	170 W	75 W	\$2.72	\$2.53
	2	0.044	0.116	ST (F)	0.195	ST	0.022	-40 TO+85	\$2.34	\$2.18
ST-T240 (23)	50Ω	1500	24.2	84.0%	8.0	19.0	250 W	120 W	\$1.92	\$1.79
	2	0.056	0.15	ST (F)	0.240	ST	0.034	-40 TO+85	\$1.65	\$1.54
ST-T300 (19)	50Ω	2000	24.1	85.0%	6.5	15.5	350 W	150 W	\$1.68	\$1.56
	2	0.070	0.19	ST (F)	0.300	ST	0.055	-40 TO+85	\$1.44	\$1.34
ST-T400 (20)	50Ω	2500	23.9	85.0%	4.5	10.0	550 W	240 W	\$3.35	\$3.12
	2	0.109	0.285	ST (F)	0.405	ST	0.07	-40 TO+85	\$2.88	\$2.68
ST-T500 (21)	50Ω	3000	23.6	86.0%	3.5	8.5	720 W	280 W	\$2.55	\$2.37
	2	0.142	0.37	ST (F)	0.500	ST	0.1	-40 TO+85	\$2.19	\$2.04
ST-T600 (22)	50Ω	4000	23.4	87.0%	3.0	7.0	900 W	350 W	\$3.79	\$3.52
	2	0.176	0.455	ST (F)	0.590	ST	0.135	-40 TO+85	\$3.26	\$3.03
ST-T002RML (18)	50Ω	1000	24.5	83.0%	11.0	19.0	170 W	75 W	\$2.72	\$2.53
	2	0.044	0.116	ST (F)	0.195	ST	0.022	-40 TO+85	\$2.34	\$2.18
ST-T003RML (19)	50Ω	2000	24.1	85.0%	6.5	15.5	350 W	150 W	\$1.68	\$1.56
	2	0.070	0.19	ST (F)	0.300	ST	0.055	-40 TO+85	\$1.44	\$1.34
ST-T004RML (20)	50Ω	2500	23.9	85.0%	4.5	10.0	550 W	240 W	\$3.35	\$3.12
	2	0.109	0.285	ST (F)	0.405	ST	0.07	-40 TO+85	\$2.88	\$2.68
ST-T005RML (21)	50Ω	3000	23.6	86.0%	3.5	8.5	720 W	280 W	\$2.55	\$2.37
	2	0.142	0.37	ST (F)	0.500	ST	0.1	-40 TO+85	\$2.19	\$2.04
ST-T006RML (22)	50Ω	4000	23.4	87.0%	3.0	7.0	900 W	350 W	\$3.79	\$3.52
	2	0.176	0.455	ST (F)	0.590	ST	0.135	-40 TO+85	\$3.26	\$3.03
ST-T042RML (23)	50Ω	1500	24.2	84.0%	8.0	19.0	250 W	120 W	\$1.92	\$1.79
	2	0.056	0.15	ST (F)	0.240	ST	0.034	-40 TO+85	\$1.65	\$1.54
ST-T591RML (24)	50Ω	1000	24.3	80.0%	11.5	26.5	150 W	65 W	\$0.95	\$0.88
	2	0.037	0.11	ST (F)	0.195	ST	0.022	-40 TO+85	\$0.82	\$0.76

NOTES:

- (1) P = PLENUM CABLE, NEC 725-2(b) CLASS 2 - REQUIRES SPECIAL 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) (8) SIMILAR TO BELDEN 9914**
- (9) SIMILAR TO BELDEN 8218**
- (10) RE-SHASTABLE VERSION OF RG402/U
- (11) RE-SHASTABLE VERSION OF RG405/U
- (12) TINNED ALUMINUM VERSION OF ST-047SR
- (13) TINNED ALUMINUM VERSION OF RG401/U
- (14) BARE COPSTR JACKET
- (15) TINNED ALUMINUM VERSION OF RG405/U
- (16) TINNED ALUMINUM VERSION OF RG402/U
- (17) RE-SHASTABLE VERSION OF RG401/U
- (18) RE-SHASTABLE VERSION OF ST-047SR
- (19) SIMILAR TO LMR200*
- (20) SIMILAR TO LMR300*
- (21) SIMILAR TO LMR400*
- (22) SIMILAR TO LMR500*
- (23) 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

Table 1

* LMR® IS A REGISTERED TRADEMARK OF TIMES MICROWAVE SYSTEMS® BELDEN® IS A REGISTERED TRADEMARK OF BELDEN CDT INC.



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