

Dual Insulated Dual Shielded Flexible Terminating Cable

Spec. 4502 • Type CMR • 600C Series

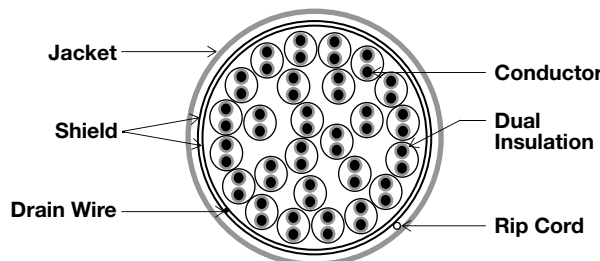


PRODUCT NUMBER	PAIRS	JACKET COLOR	PKG	O.D. (INCHES)	WEIGHT (LBS/KFT)
2117005	6	DK. Gray	1000'	0.37	66
2117039	6	L.O. Gray	Bulk	0.37	66
2117006	12	DK. Gray	Bulk	0.48	108
2117040	12	L.O. Gray	Bulk	0.48	108
2117007	16	DK. Gray	1000'	0.50	134
2117041	16	L.O. Gray	Bulk	0.50	134
2117051	20	L.O. Gray	1000'	0.55	160
2117008	25	DK. Gray	1000'	0.63	191
2117042	25	L.O. Gray	Bulk	0.63	191
2117045	28	L.O. Gray	Bulk	0.64	208
2117003	30	DK. Gray	1000'	0.65	222
2117043	30	L.O. Gray	Bulk	0.65	222
2117009	32	DK. Gray	1000'	0.68	234
2117044	32	L.O. Gray	Bulk	0.68	234
2117020	50	DK. Gray	1000'	0.82	343
2117056	50	L.O. Gray	Bulk	0.82	343
2117010	75	DK. Gray	1000'	0.95	489

Data subject to change without notice.

Electrical Characteristics

	22 AWG
DC Resistance (max) Ohms/1000ft @ 20°C	18
Insulation Resistance (min) Megohm - 1000ft @ 23°C	5000
Mutual Capacitance (nom) nF/1000ft @ 1 kHz	20.1
Attenuation (nom) dB/1000ft @ 1 MHz dB/1000ft @ 1.6 MHz dB/1000ft @ 4.0 MHz	5.0 6.6 11.3
PSNEXT dB/1000ft @ 0.772 MHz dB/1000ft @ 1.600 MHz dB/1000ft @ 3.150 MHz dB/1000ft @ 6.300 MHz	42 38 33 29
Characteristic Impedance (nom) Ohms @ 1 MHz	100 ± 15



Product Construction

Conductors:

- 22 AWG solid tinned copper conductors

Insulation:

- Inner layer of polyethylene covered by an outer layer of flame-retardant PVC
- Primary insulation, nominal O.D. = 0.042"
- Secondary insulation, nominal O.D. = 0.050"

Color Code:

- See Color Code Chart on page 86

Core Wrap:

- Non-hygroscopic dielectric tape applied longitudinally with an overlap

Shield:

- Two polyester-backed aluminum foil shields

Drain Wire:

- 22 AWG solid tinned copper drain wire is placed between the two shields

Rip Cord:

- Applied longitudinally under jacket

Jacket:

- Flame-retardant PVC
- Sequential footage markings

Packaging

- 1000' reel (RL)
- Bulk reels are available upon request

Applications

- T1/DS1
- DS1C
- DS2
- For interconnecting (DSI) digital equipment to digital cross-connects (DSX) and computers

Compliances

- Telcordia (Bellcore) analyzed the General Cable 4502 Series - Type 600C Family of Central Office Cables to the criteria in Telcordia GR-137-CORE. Copies of the analysis report are available from General Cable upon request.
- UL and c(UL) Type CMR

