



“Taking Care of Business”

toll free: 800-929-9473

CATEGORY 6A NONPLENUM PREMISE CABLE TWISTED PAIRS , TYPE CMR UNSHIELDED, OVERALL SHIELDED, AND SHIELDED PAIRS

CONSTRUCTION:

CONDUCTOR SOLID ANNEALED BARE COPPER.

INSULATION THERMOPLASTIC POLYOLEFIN / POLYETHYLENE, COLOR CODED PER TELEPHONE COLOR CODE (SHOWN BELOW).

CORE ASSEMBLY INSULATED CONDUCTORS TWISTED INTO PAIRS AND SEPARATED BY CENTRAL PAIR SEPARATOR.

SHIELDING (WHERE APPLICABLE) AVAILABLE WITH NONSHIELDED PAIRS WITH ALUMINUM FOIL AND TINNED DRAIN, SHIELDED PAIRS WITH ALUMINUM FOIL AND TINNED DRAIN WIRE, AND NON-CONTINUOUS METALLIC SECTIONS, SEPARATED BY INSULATING LAYER.

JACKET POLYVINYL CHLORIDE (PVC).

Charlotte Wire Part#*	Size AWG	Number of Pairs	Shield Type	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CAT 6A NONSHIELDED PAIRS					
CW19601	23	4	Nonshielded	.32"	40
CAT 6A NONSHIELDED PAIRS WITH OVERALL ALUMINUM FOIL SHIELD AND DRAIN WIRE					
CW19602	23	4	Overall shielded	.33"	42
CAT 6A NONSHIELDED PAIRS WITH OVERALL NON-CONTINUOUS METALLIC SECTIONS, SEPARATED BY INSULATING LAYER					
CW19603	23	4	Metallic sections	.31"	40
CAT 6A INDIVIDUALLY SHIELDED PAIRS WITH ALUMINUM FOIL AND 1 TINNED DRAIN WIRE					
CW19604	23	4	Shielded pairs	.32"	44

APPLICATION:

Suitable for high speed data transmission in Local Area Networks. Cat 6A (or Augmented) cables offer higher performance frequency than Cat 6 and lower alien crosstalk characteristics.

STANDARDS:

NEC Article 800: Type CMR
ANSI/TIA-568: Category 6A.

Color Code Chart

Pair Number	Color	Other Pair Color
1	Blue	White/Blue stripe
2	Orange	White/Orange stripe
3	Green	White/Green stripe
4	Brown	White/Brown stripe