



“Taking Care of Business”

toll free: 800-929-9473

CATEGORY 5E 350MHz SELF SUPPORTING AERIAL CABLE TWISTED PAIRS - UNSHIELDED OR OVERALL SHIELDED GALVANIZED STEEL MESSENGER AND POLYETHYLENE JACKET

CONSTRUCTION:

CONDUCTOR SOLID ANNEALED BARE COPPER.

INSULATION THERMOPLASTIC POLYOLEFIN/POLYETHYLENE COLOR CODED PER TELEPHONE COLOR CODE.

CORE ASSEMBLY INSULATED CONDUCTORS TWISTED INTO PAIRS OR VARYING TWIST LENGTHS TO MINIMIZE CROSSTALK.

SHIELDING (WHERE APPLICABLE) ALUMINUM/MYLAR TAPE WITH TINNED COPPER DRAIN WIRE ADDED OVER CORE ASSEMBLY.

MESSENGER GALVANIZED STEEL MESSENGER IS PLACED NEXT TO THE SHIELDED CORE.

OVERALL JACKET BLACK POLYETHYLENE (PE) PROVIDES AN INTEGRAL EXTRUSION WITH THE CORE ASSEMBLY AND MESSENGER TO CREATE “FIGURE-8” CROSS SECTION.

Charlotte Wire Part#	Size AWG	Number of Pairs	Unshielded or Shielded	Core Assembly Diameter (in.)	Jacketed Messenger Diameter (in.)	Approximate Net Weight (Lbs/Mft)
CW09666	24	4	Unshielded	.22"	.10"	34
CW09667	24	4	Shielded	.26"	.10"	42

APPLICATION:

Suitable for outdoor aerial use by attachment to a self-supporting messenger.

STANDARDS:

EIA/TIA-568: Category 5E.