

Filled Core Cables

Plastic insulated Filled Core Cables provide a broad range of pair sizes for the distribution of telecommunication signals for outside use. These cables can be installed in underground ducts and direct buried applications where protection against water and moisture entry is required and may also be installed aerially.

An industry standard color-coding system provides full identification of every pair through the use of 10 different insulating colors and non-hygroscopic unit binders. Designs are available using either a solid, polyolefin insulation or foamed polyolefin with a solid polyolefin skin. The solid insulation provides a more robust Core Construction, whereas the foam skin insulation offers space saving advantages.

A variety of sheath designs are available that provide electrical shielding necessary for proper grounding and mechanical protection against rodents and other physical damage. A black, weather-resistant polyethylene jacket is used on all constructions for protection against long-term outdoor exposure.

The temperature range that Telecommunications cable can withstand is:

For storage and operation:
-45°C to 80°C
-49°F to 176°F

For installation:
-30°C to 60°C
-22°F to 140°F

All cables are equipped with surface-printed identification and sequential footage markings.

The cable design for 19, 22 and 24 AWG sizes has the transmission performance capability of 100Ω, Category 3 Backbone UTP Cables specified in TIA/EIA-568-C.

Index	Page
Filled Solid Cable RDUP (RUS) PE-39 AL Spec. 2002	10
Filled Solid 5-Mil Copper Cable RDUP (RUS) PE-39 CU Spec. 2002	11
Filled Solid Copper-Bearing Gopher-Resistant Cable RDUP (RUS) PE-39 GR Spec. 2002	12
Filled Foam Skin Cable RDUP (RUS) PE-89 AL Spec. 2007	13
Filled Foam Skin CACSP Cable RDUP (RUS) PE-89 CACSP Spec. 2007	14
Filled Foam Skin ALPETH Cable Bell System Type AN*A Spec. 2111	15
Filled Foam Skin ASP Cable Bell System Type AN*W Spec. 2100	16
Filled Foam Skin "S" Screened ASP Cable Bell System Type KN*W Spec. 2109-F	17