

12/22 FK83E FOAM-SKIN FILLED REA PE-89

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GENERAL INFO

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. Our Telecommunications cable constructions contain no halogens (chlorine, fluorine, bromine or iodine), which means they are less toxic and more environmentally friendly. Look for the 17 FREE™ logo. General Cable Filled Core Cables are all proudly made in the U.S.A.

PRODUCT RANGE GENERAL INFORMATION

Conductor material	Copper
Nominal voltage U [V]	300
Resistant to UV	Yes
Outdoor installation	Yes
Underground installation	Yes

STANDARDS AND APPROVALS



ITEM DETAILS

AWG / Kcmil	23
Conductor category	Class 1 = solid
Nominal outer diameter [inch]	0.52