

E20® Coaxial/Microduct Hybrid Buried Cable



- E20 is a solution that enables service providers the ability to bridge HFC networks to FTTx. The E20 composite coaxial/fiber product line combines fiber, microducts, and coaxial cable preinstalled in conduit.
- Serves businesses in a new commercial serving area
- Mitigates future cost of fiber installation
- Pre-installed in high density PE conduit for added physical protection
- One-step installation saves on construction cost
- Ideal for commercial data customers that also require video
- All products tested to industry standards

Product Classification

Product Type	Coaxial fiber cable-in-conduit
Product Brand	E20®

General Specifications

Conductor Elongation, maximum	1 %
Conductor Type	Solid
Insulation Elongation, minimum	200 %

Dimensions

Conductor Diameter	1.024 mm 0.04 in
Insulation Thickness, nominal	0.008 mm 0 in
Conductor Gauge	18 AWG

Electrical Specifications

Conductor Resistance	87.598 ohms/km 26.7 ohms/kft
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Material Specifications

Insulation Material Type	Polypropylene coated copper-clad steel wire
Outer Jacket Material	High density polyethylene (HDPE)

Mechanical Specifications

Conductor Tensile Strength, minimum	827.371 N/mm ² 120000 psi
Insulation Tensile Strength, minimum	31.026 N/mm ² 4500 psi

8220001 | PP Coated Tone Wire 0.0403 CCS

Environmental Specifications

Environmental Space Buried

Regulatory Compliance/Certifications

Agency ISO 9001:2015 **Classification** Designed, manufactured and/or distributed under this quality management system

