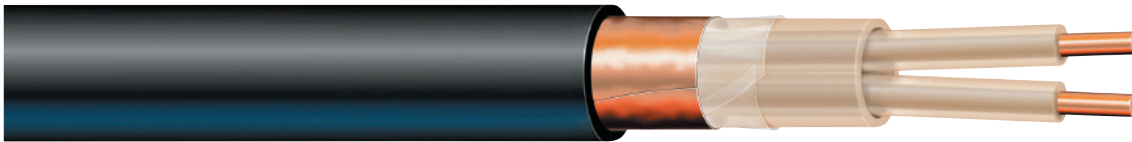


CTC Cable

twin PE insulated conductors / 9 AWG / PE jacket / low loss



Applications

This is a specifically designed cable for high-frequency signal applications where attenuation and impedance need to be minimized. They consist of polyethylene (PE) insulated conductors, an overall polyethylene belt, copper shielding and a PE outer jacket.

Specifications and Ratings

- ASTM D1248
- Special frequency characteristics per customer request

Design Parameters

CONDUCTORS: Solid soft drawn bare copper per ASTM B3 and B258.

INSULATION: Clear, low-loss PE meeting ASTM D1248.

ASSEMBLY: Insulated circuit conductors are twisted together to form a balanced pair. A belt (inner jacket) is applied over the conductors and interstices to form a round cable. Mylar tape is then applied over the inner jacket.

INNER JACKET: Clear, low-loss PE meeting ASTM D1248.

SHIELD: Helically applied 5 mil copper shield with a 12.5% overlap..

OVERALL JACKET: Durable chemical-resistant PE meeting ASTM D1248.

Prysmian Group

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Part Number	Number of Conductors	Conductor Size	Average Insulation Thickness in (mm)	Average Jacket Thickness in (mm)	Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
377041	2	9 AWG	.090 (2.3)	.080 (2.0)	0.970 (24.6)	435 (648)

The data herein is approximate and subject to normal manufacturing tolerances.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

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