

	SPECIFICATION SHEET 36f Single Jacket Non-Armored Dry Loose Tube Cable EDH1JKT-12-CE-036-E3	Optical Fiber Cable
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Water tight core, dielectric strength yarns, outer jacket

Construction

- **Central strength member:** Glass reinforced plastic (GRP) rod
- **Buffer tubes:** 2.5 mm polypropylene tube, 12 fibers per tube, gel free tubes
- **Optical fibers:** 36 Corning SMF28e+ ITU G652.D singlemode fibers
- **Water tightness:** Longitudinal water tightness in the core is ensured with dry blocking material
- **Attenuation:** 0.35/0.35/0.25 dB/km at 1310/1383/1550 nm.
- **Reinforcement:** Dielectric strength yarns over core
- **Outer jacket:** Black weather resistant medium density polyethylene, 1.3 mm nominal thickness



Dimensions

Fiber Count	36
Outer Diameter	0.40 in
Weight	43 lb/kft

Main mechanical and environmental properties

Complies to the requirements of Telcordia GR-20-CORE, RUS 7 CFR 1755.900 and ICEA 640.

Mechanical properties

Minimum bending radius	Temperature range
- under tension 20 x cable diameter	- transportation, storage -40°C to +75°C
- no tension 10 x cable diameter	- installation -30°C to +60°C
Installation Tension 600 lbs max	- operation -40°C to +70°C

Test	Standard	Specified value	Acceptance criteria
Temperature cycling	Telcordia GR-20	-40°C to +70°C	GR-20 : R6-69
Water penetration	Telcordia GR-20	Sample=1m, water=1m, 24h	GR-20 : R6-75

Marking

Except where expressly agreed between the parties and specified to the contrary at the time the order is made, all cable markings shall be in white or yellow, at two foot or one meter intervals on the outer jacket, and shall include the following inscriptions:

(handset symbol) PRYSMIAN OPTICAL CABLE, month/year of manufacture, number and type of fibers, cable ID number, length marking»