CT2243 TELECOM CABLE FOR ADVANCED NETWORKS

Telecommunications - Main optical cables Intercity (High-Speed/LGV and conventional lines)

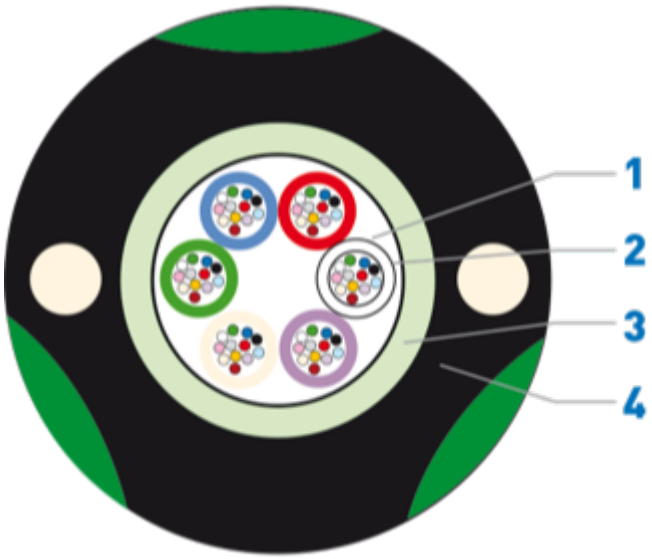
BENEFITS

- Robust compact cable for installation in conduits or ducts
- Installation by pulling, blowing (with air) or floating (with water)
- Dielectric structure in Compact Tube® up to 144 fibres
- Longitudinal waterproofing

APPLICATIONS

- Long-distance Telecom line for installation along railways
- Cable suitable for pulling/blowing through conduits

GENERAL CHARACTERISTICS



1. Compact Tube® structure (6 or 12 fibres per tube)
2. Non-metallic strength members (FRP)
3. Glass yarns with water-swelling elements
4. Black high-density polyethylene outer sheath with 3 green bands

Electrical

- Operating temperature:
  - -30°C / +70°C (6 to 144 OF)
- Installation temperature: -5°C / +50°C
- Max. installation voltage:
  - 2250N (6 to 72 OF)
  - 2750N (144 OF)
- Resistance to crushing: 300N/cm
- Min. bending radius:
  - 100mm (6 and 12 OF)
  - 120mm (24 to 72 OF)
  - 180mm (144OF)
- Cable net weight:
  - 83kg/km (12 OF)
  - 98kg/km (24 to 72 OF)
  - 130kg/km (144OF)
- Longitudinal waterproofing per IEC 60794-1-F5

RANGE

	Nombre de fibres	Composition	Diamètre extérieur en mm	Conditionnement Touret Longueur m
N9640	6	1 module de 6	10,9	G 4800
N8315	12	2 modules de 6	10,9	G 4800
N8316	36	6 modules de 6	11,4	G 4800
N8317	72	6 modules de 12	11,4	G 4800
N8368	144	12 modules de 12	13,0	H 4800

- Optical fibre specifications available on request

NORMS AND STANDARDS

General standards

- SNCF CT 2243.V.06 specification, dated 13/05/2016
- SNCF approved