

EA78010-Ed1

CW 1420. DROP CABLE No.15



Telecommunication
Cable



Overhead
line cable



ROHS compliant

STANDARDS

Construction: BT CW 1420

DESCRIPTION AND APPLICATION

Overhead line cable of four pairs for network access. PE insulated cooper conductors of 0.5 mm nominal diameter, stranded into pairs, reinforcement of brass steel wires and HDPE sheath. The installation is overhead on network access between distribution point and the subscriber. The breaking load is between 1350 and 1650N.

CONSTRUCTION

- **Conductors:** Annealed cooper of 0.50 mm nominal diameter.
- **Insulation:** Solid PE.
- **Cabling elements:** Four pairs. O/W, R/Gry, Bl/Br and G/Bk
- **Reinforcement:** Brass steel wires covered of PVC.
- **Sheath:** UV resistant black HDPE + rip cord.



ELECTRICAL CHARACTERISTICS (20°C)

	0,50
Conductor Resistance (Ω/km)	95
Minimum insulation resistance ($M\Omega \times km$, 20°C, 500 V)	10000
Mutual capacitance (nF/km , 1000 Hz). Max	56
Capacitance unbalance pair – pair ($pF/500m$, 800 Hz). Max	275
Dielectric strength conductor – conductor (V_{cc} , 3 s)	5000
Dielectric strength immersed in water (V_{ac} , 50 Hz, 5 min)	15000

MECHANICAL CHARACTERISTICS

Temperature range: from -25° C to +75° C

Breaking load: between 1350 and 1650 N

Bending radius: 10 x R_{cable}

DIMENSIONS AND WEIGHTS

Diámetro : 0.50 mm					
Code	No. Pairs	Cable Diam (mm)	Aprox. Weight (kg/km)	Length (m)	Drum Type

EA7801050000402N 4 5.4 37 350 *special

*Special drum according paragraph 13 of CW 1240

All drawings, designs, specifications and particulars of weights, dimensions, etc. in this documentation are only indicative and must not be considered contractual.

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