

## CW 1326. PET FILLED CABLES WITH PE SHEATH

Telecommunication  
Cable

Water blocked



UV resistant



ROHS compliant

## STANDARDS

Construction: BT CW 1326

## DESCRIPTION AND APPLICATION

Cables of 2 to 100 pairs with Cooper conductors of 0.5 mm. Solid PE insulation, twisted into pairs, petroleum jelly filled, stranded into units of 10 pairs with PE sheath for use in distribution network. They are used as primary cables in distribution networks inside ducts or buried without pressurization.

## CONSTRUCTION

- **Conductors:** Annealed Cooper of 0.50 mm nominal diameter.
- **Insulation:** Solid polyethylene.
- **Cabling elements:** Pairs.
- **Lay-up:** Units of 10 pairs.
- **Filling compound:** petroleum jelly.
- **Core wrapping.** Paper tape, longitudinally applied with overlap.
- **Sheath:** Low density black polyethylene.
- **Sheath marking :** The outer sheath shall be marked in white ink, at regular intervals, with the following information:
  - *Name of manufacturer/ Year/ Length marks*
  - *Other type of marks according to the costumer*



## ELECTRICAL CHARACTERISTICS (20°C)

<b>Conductor Resistance (<math>\Omega/km</math>)</b>	0,50
• Average	91
• 99 % of values	96
<b>Minimum insulation resistance (<math>M\Omega \times km</math>, 20°C, 500 V)</b>	1500
<b>Mutual capacitance (<math>nF/km</math>, 800 Hz)</b>	
• Average	56
• 99 % of values	64
<b>Capacitance unbalance (<math>pF/500m</math>, 800 Hz)</b>	
2 pair cable	800
Rest of cables	275

## MECHANICAL CHARACTERISTICS

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

Bending radius:  $12 \times R_{cable}$ 

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

Page. 1/2

EA3P010-Ed1

## CW 1326. PET FILLED CABLES WITH PE SHEATH

### DIMENSIONS AND WEIGHTS

Diameter : 0.50 mm		Cable	Aprox.	Length	Drum
Code	No. Pairs	Diam (mm)	Weight (kg/km)	(m)	Type
EA3P01050000202N	2	6.2	41	2000	08
EA3P01050000502N	5	8.5	71	2000	08
EA3P01050001002N	10	10.2	113	2000	A0
EA3P01050002002N	20	12.9	193	2000	A2
EA3P01050003002N	30	14.8	251	2000	A4
EA3P01050005002N	50	18.2	408	2000	A4
EA3P01050010002N	100	24.3	757	2000	A6

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

Page. 2/2