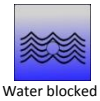
EA3R010-Ed1

CW 1236. PEUT FILLED CABLES, PE SHEATH


Telecommunication Cable


Water blocked


UV resistant

ROHS compliant

STANDARDS

Construction: BT CW 1236

DESCRIPTION AND APPLICATION

Cables of 50 to 2400 pairs with Cooper conductors of 0.4, 0.5, 0.63 o 0.9 mm. Cellular PE insulation, twisted into pairs, stranded into units of 25 pairs, filled with PE sheath. They are used as primary cables in distribution networks inside ducts without pressurization.

CONSTRUCTION

- ***Conductors***: Annealed Cooper of 0.40, 0.50, 0.63 y 0.90 mm.
- ***Insulation***: Cellular polyethylene.
- ***Cabling elements***: Pairs.
- ***Lay-up:*** Units of 25 pairs. The cables with more than 400 pairs may be stranded in double or quadruple units of 50 and 100 pairs.
- ***Filling compound***: Petroleum jelly.
- ***Core wrapping***: Paper tape longitudinally applied with overlap.
- ***Sheath:*** UV resistant 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 (20ºC)	0,40	0,50	0,63	0,90
Conductor Resistance (Ω/km)				
• Average	143	91	58	28
• 99 % of values	150	96	60	30
Minimum insulation resistance (MΩxkm, 500 V)		1500		
Mutual capacitance (nF/km, 800 Hz)				
• Average	56	56	56	59
• 99 % of values	64	64	64	65
Capacitance unbalance (pF/100m, 800 Hz)		275		

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Certified Company **ISO 9001** - **ISO 14001**

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MECHANICAL CHARACTERISTICS

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

Bending radius: 12 x R_{cable}

DIMENSIONS AND WEIGHTS

Diameter : 0.40 mm

Code	No. Pairs	Cable Diam (mm)	Aprox. Weight (kg/km)	Length (m)	Drum Type
EA3R03040005002N	50	13.5	220	1000	A0
EA3R03040010002N	100	17.8	406	1000	A2
EA3R03040020002N	200	23.4	758	1000	A4
EA3R03040030002N	300	27.8	1105	1000	A6
EA3R03040040002N	400	31.3	1440	1000	A6
EA3R03040050002N	500	34.5	1785	1000	A8
EA3R03040060002N	600	37.5	2128	1000	B1
EA3R03040080002N	800	42.6	2808	1000	B0
EA3R03040100002N	1000	47.2	3481	700	BB
EA3R03040120002N	1200	51.3	4151	500	BB
EA3R03040160002N	1600	58.7	5494	400	BB
EA3R03040200002N	2000	64.8	6793	300	B0

Diameter : 0.50 mm

Code	No. Pairs	Cable Diam (mm)	Aprox. Weight (kg/km)	Length (m)	Drum Type
EA3R03050005002N	50	16	323	1000	A0
EA3R03050010002N	100	21.3	607	1000	A3
EA3R03050020002N	200	28.6	1556	1000	A6
EA3R03050030002N	300	34	1694	1000	A8
EA3R03050040002N	400	38.6	2225	1000	B0
EA3R03050050002N	500	42.8	2762	1000	B0
EA3R03050060002N	600	46.2	3285	1000	BB
EA3R03050080002N	800	53	4356	1000	B2
EA3R03050100002N	1000	58.7	5400	700	BB
EA3R03050120002N	1200	63.9	6446	500	BB

Diameter : 0.63 mm

Code	No. Pairs	Cable Diam (mm)	Aprox. Weight (kg/km)	Length (m)	Drum Type
EA3R03063005002N	50	19.1	485	1000	A2
EA3R03063010002N	100	25.9	930	1000	A4
EA3R03063020002N	200	34.9	1780	1000	A8
EA3R03063030002N	300	42	2640	1000	B0
EA3R03063040002N	400	47.7	3469	1000	BB
EA3R03063050002N	500	52.9	4306	1000	BB
EA3R03063060002N	600	57.5	5153	1000	BB
EA3R03063080002N	800	65.8	6820	1000	BB

Diameter : 0.90 mm

Code	No. Pairs	Cable Diam (mm)	Aprox. Weight (kg/km)	Length (m)	Drum Type
EA3R03090005002N	50	24.5	891	1000	A4
EA3R03090010002N	100	33.9	1747	1000	A8

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