

# A-2YF(L)2Y Telephone Cables HP

[D] CPR Eca

Model Product: GTL - 20180212



Bare copper conductor (Cu), diameter 0,6mm and 0,8mm.  
 PE(2Y) core insulation . Stranded by star quad (STIII)  
 Petrol-Jelly filled (F).  
 Core wrapping with paper tape.  
 Moisture barrier as laminated PE-coated aluminium tape (L)2Y .  
 Black PE (2Y) outer jacket.

## STANDARDS

VDE 0816  
 EN 50575:2014 + EN 50575/A1:2016

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 2)

## COMMON FEATURES

These external subscriber telephone cables are installed as telecommunications connection cable. These cables are suitable for laying in ducts, conduits or for direct burial installation. This high mechanical resistance and water proof (crosswise and longitudinal) performances are allowed because the cable is made by PE insulated (2Y) conductors and PE (2Y) outer sheath. Moreover on this cable there is an aluminium tape (L) PE coated. All the raw materials are halogen-free. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

## EMPLOYMENT

Minimum bending radius per D cable diameter (in mm): 10D  
 Maximum pulling stress:

TELEPHONE OUTDOOR CABLE, PETROL-JELLY FILLED.

Nominal voltage U: 225 V

Test voltage: Core/Core 500 V - Core/Screen 2000V

Maximum operating temperature: +70°C Temperature Range -20 +50

Minimum installation and laying temperature: -5°C

Min. operating temperature (without mechanical shocks): -20°C

Minimum installation and laying temperature: -5°C

## CORE COLOURS

Multicores: VDE 0816 ST III BD

## SHEATH COLOUR

Black

## INK MARKING

Transfer marking (powder):  
 Telephone logo + meter

## NOTE

LOOP RESISTANCE:  
 Cond Ø0,6mm:130,0 ohm/Km  
 Cond Ø0,8mm:73,2 ohm/Km  
 MUTUAL CAPACITANCE 800Hz, 100% values  
 Cond Ø0,6mm:52 nF/Km  
 Cond Ø0,8mm:55 nF/Km  
 MUTUAL CAPACITANCE 800Hz, 80% values  
 Cond Ø0,6mm:48 nF/Km  
 Cond Ø0,8mm:50 nF/Km  
 CAPACITANCE UNBALANCES 800Hz 98% values  
 K1 :Max. 400pF/300m  
 K9-12 :Max. 100pF/300m  
 CAPACITANCE UNBALANCES 800Hz 100% values  
 K1 :Max. 800pF/300m  
 K9-12 :Max. 300pF/300m



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DIAMETER (mm)	WEIGHT (Kg/km)	FORMATION	COPPER WEIGHT (Kg/km)	DIAMETER (mm)	WEIGHT (Kg/km)
Multicores					
-	-	4 x 2 x 0.6	19,85	10,4	109,97
-	-	6 x 2 x 0.6	29,73	10,8	123,88
-	-	10 x 2 x 0.6	49,63	12,6	172,56
-	-	20 x 2 x 0.6	99,25	16,3	290,89
-	-	30 x 2 x 0.6	148,88	18,5	406,41
-	-	40 x 2 x 0.6	198,53	20,9	494,59
-	-	50 x 2 x 0.6	248,26	22,5	603,94
-	-	70 x 2 x 0.6	348,10	25	786,90
-	-	100 x 2 x 0.6	487,50	30	1143,25
-	-	150 x 2 x 0.6	767,69	35	1609,98
-	-	200 x 2 x 0.6	1016,94	41,5	2193,27
-	-	300 x 2 x 0.6	1519,24	50,6	3287,35
-	-	400 x 2 x 0.6	2005,74	57,5	4247,63
-	-	500 x 2 x 0.6	2505,45	64	5313,47
-	-	1000 x 2 x 0.6	5032,91	87,8	10267,38
-	-	2 x 2 x 0.8	17,39	9,5	89,41
-	-	4 x 2 x 0.8	34,82	12	146,04
-	-	6 x 2 x 0.8	52,16	12,5	171,48
-	-	10 x 2 x 0.8	87,51	15	252,85
-	-	20 x 2 x 0.8	174,45	19,5	446,42
-	-	30 x 2 x 0.8	261,86	22,5	614,77
-	-	40 x 2 x 0.8	349,49	25,5	821,10
-	-	50 x 2 x 0.8	437,28	28	987,59
-	-	70 x 2 x 0.8	610,75	31	1282,61
-	-	100 x 2 x 0.8	875,94	37	1842,8
-	-	200 x 2 x 0.8	1784,23	52,4	3651,97
-	-	300 x 2 x 0.8	2665,53	64,2	5404,21
-	-	400 x 2 x 0.8	3547,65	72,2	780,85