

EXZHELLENT-MAR P1 RFOU

VOLTAGE: 0,6/1 kV

 **General Cable**



STANDARDS

IEC 60092-353 - Design standard
NEK 606 – Design standard
IEC 60092-351 - Design standard (insulation)
IEC 60092-359 - Design standard (sheath)
IEC 60332-1 - Flame propagation (single wire)
IEC 60332-3-22 - Flame propagation (bunched wires), cat. A
IEC 60754 – Halogen free. Low corrosivity and acidity of evolved gases
IEC 61034 – Low opacity of evolved fumes

CONSTRUCTION

CONDUCTOR:

Tinned copper, stranded class 2

INSULATION:

Ethylene Propylene (EPR) 90°C

SCREEN:

Tinned copper wire braid

ARMOUR:

Cu/Sn wire braids

SHEATH:

Halogen-free thermoset compound (SHF2)

APPLICATIONS AND MAIN CHARACTERISTICS

Reinforced cables for installation on platforms with special non fire-propagation properties and low emission of opaque smoke and toxic and corrosives gases.

Oil resistant.

Maximum permanently-operating conductor temperature: 90 °C



EXZHELLENT – 606

Type P1 RFOU

ENERGÍA / POWER

Tensión asignada / *Rated voltage*: 0,6/1 kV

Armado / *Armoured*

| CÓDIGO | SECCIÓN NOMINAL | DIÁMETRO BAJO ARMADURA | DIÁMETRO EXTERIOR | PESO | CAÍDA TENSIÓN (COS $\varphi=0,8$) | INDUCTANCIA |
|---------|------------------------------|------------------------|-------------------|--------|------------------------------------|-------------|
| CODE | NOMINAL CROSS SECTIONAL AREA | DIAMETER UNDER ARMOUR | OVERALL DIAMETER | WEIGHT | VOLTAGE DROP (COS $\varphi=0,8$) | INDUCTANCE |
| | mm ² | mm | mm | kg/km | V/A. km | mH/km |
| 7475206 | 2x1,5 | 9,0 | 12,5 | 240 | 21,7 | 0,376 |
| 7475207 | 2x2,5 | 10,0 | 13,5 | 290 | 13,5 | 0,350 |
| 7475208 | 2x4 | 11,0 | 15,0 | 385 | 8,41 | 0,328 |
| 7475306 | 3x1,5/1,5 | 9,5 | 13,0 | 275 | 21,7 | 0,376 |
| 7475307 | 3x2,5/2,5 | 10,5 | 14,5 | 365 | 13,5 | 0,350 |
| 7475308 | 3x4/4 | 11,5 | 15,5 | 440 | 8,41 | 0,328 |
| 7475309 | 3x6/6 | 13,5 | 17,5 | 560 | 5,60 | 0,317 |
| 7475310 | 3x10/10 | 15,5 | 19,5 | 745 | 3,35 | 0,296 |
| 7475311 | 3x16/16 | 17,5 | 22,0 | 1015 | 2,14 | 0,281 |
| 7475312 | 3x25/16 | 20,5 | 25,5 | 1405 | 1,39 | 0,278 |
| 7475313 | 3x35/17,5 | 23,0 | 28,0 | 1790 | 1,02 | 0,268 |
| 7475314 | 3x50/25 | 26,5 | 32,0 | 2435 | 0,779 | 0,264 |
| 7475315 | 3x70/35 | 30,0 | 36,5 | 3290 | 0,560 | 0,250 |
| 7475316 | 3x95/47,5 | 34,5 | 41,0 | 4470 | 0,427 | 0,248 |
| 7475317 | 3x120/60 | 41,0 | 47,5 | 5975 | 0,353 | 0,231 |
| 7475318 | 3x150/75 | 45,5 | 52,5 | 7320 | 0,302 | 0,231 |
| 7475406 | 4x1,5/1,5 | 10,5 | 14,5 | 350 | 21,7 | 0,376 |
| 7475407 | 4x2,5/2,5 | 11,5 | 15,5 | 430 | 13,5 | 0,350 |
| 2469056 | 5x1,5 | 11,5 | 16,0 | 420 | 21,7 | 0,376 |
| 2469057 | 5x2,5 | 13,0 | 17,0 | 515 | 13,5 | 0,350 |
| 2469076 | 7x1,5 | 12,5 | 17,0 | 485 | 21,7 | 0,376 |
| 2469077 | 7x2,5 | 14,0 | 18,0 | 595 | 13,5 | 0,350 |
| 2469126 | 12x1,5 | 17,0 | 21,5 | 730 | 21,7 | 0,376 |
| 2469127 | 12x2,5 | 18,5 | 23,0 | 915 | 13,7 | 0,350 |
| 2469196 | 19x1,5 | 20,0 | 24,5 | 990 | 21,7 | 0,376 |
| 2469197 | 19x2,5 | 22,0 | 27,0 | 1260 | 13,5 | 0,350 |