

SERIE 278. QUAD CABLES FOR DISTRIBUTION IN INTERIORS, PVC SHEATH

Telecommunications
cable

Flame retardant



ROHS compliant

STANDARDS

Construction: UTE C93-526 y UTE C93-527-8

DESCRIPTION AND APPLICATION

Indoor telecommunication cables up to 4 pairs. Copper conductor of 0.6 mm, solid PE insulation. Stranding into star quads or pairs. PVC sheath with screen. Telecommunication cables for distribution networks in indoor installations. Category C2, flame retardant.

CONSTRUCTION

- **Conductors:** Annealed copper, diameters 0.40 and 0.60 mm.
- **Insulation:** Solid PE.
- **Lay Up:** Quads "star" for 2 pair cable, and 1 and 4 pairs.
- **Core wrapping:** Dielectric tape longitudinally applied with overlap.
- **Screen:** Aluminized complex. Continuity tinned copper wire.
- **Sheath:** PVC compound, grey colour
- **Sheath marking:** The outer sheath shall be marked at regular intervals with the following information:
 - Name of Manufacturer / year / Length markings
 - Other type of markings is also possible according to the customer



ELECTRICAL CHARACTERISTICS (20°C)		0,6
Maximum conductor Resistance (Ω/km)		
Individual maximum		66.6
Average		63.9
Minimum insulation resistance ($M\Omega \times \text{km}$, 20°C, 500 V)		5000
Maximum mutual capacitance (nF/km, 1000 Hz)		62.5
Maximum capacitance unbalance (pF/300m, 1000 Hz)		
Inside the quad		
Average		70
95%		200
Maximum		300
Between Quads		30
Average		100
95%		150
Maximum		
Dielectric strength (Vdc, 1 min)		
conductor – conductor		1150
conductor– screen		1500

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

Pág. 1/2

SERIE 278. QUAD CABLES FOR DISTRIBUTION IN INTERIORS, PVC SHEATH

MECHANICAL CHARACTERISTICS

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

Minimum bending radius: $10 \times R_{\text{cable}}$

DIMENSIONS AND WEIGHTS

Diameter : 0.60 mm					
Code	Nº Pairs	Cable Diam (mm)	Aprox. Weight (kg/km)	Length (m)	Drum
EA5502060000102N	1	4.2	17	1000	06
EA5502060000202N	2	4.8	25	1000	06
EA5502060000402N	4	5.5	35	1000	06

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

Pág. 2/2