



CABLE STRUCTURE

Conductor	Stranded annealed tinned or bare copper wires According to IEC 60228 - Class 2
Semiconductive Layer	Extruded semiconductor layer mixture firmly adhered to insulation.
Insulation	XLPE - Cross linked polyethylene material
Semiconductive Layer	Extruded Semiconductive peelable material
Screen	Copper tape of nominal thickness 0.1 mm helically applied on the semiconductive layer over the insulation with a minimum overlap of %15
Outer Jacket	PVC flame retardant material (ST ₂)
Outer Jacket	Red or other colors on request

STANDARDS & MAIN CHARACTERISTICS

Operating Temperature	-25°C / +90°C
Rated Voltage	5 kV
Test Voltage	17,5 kV (5 min.)
Bending Radius	12 x Outer Diameter
Standards	AENOR - UNE 21161:2017 IEC 60502-2
Flame Retardant	IEC 60332-1, IEC 60332/3 Cat A
CPR Class - EN 50575:2014+A12016	Cca - s3, d2, a3

Marking Example:

UNTEL CIRCUIT SERIES RHV 5 kV Cca-s3, d2, a3 17 UNE 21161

Construction (*)	Cross Section	Max. Overall Diameter (mm)	Approximate Weight (kg / km)	Max Resistance of Conductors at 20°C (ohm / km)	Current Carrying Capacity at 30°C (A)
BCL2 / EXSC / XLPE / EXSC / CUT / PVC	1x6 mm ²	18,5	49	3,08	52

(*) For explanation of coding refer to Technical Data Section