

Air Core Self Supported Aerial Subscriber Cables

Description

Used for aerial installation connection between distribution cabins and subscribers. The cable structure is completed by the application of a suitable core wrapping material, a parallel support messenger with the core are covered by an overall black outer jacketing. Outer jacketing material is MDPE or LDPE in accordance with ASTM D 1248.



Conductor

Solid annealed electrolytic copper. The conductor sizes are 0.5 or 0.9 mm

Color Coding

Fully color-coding.

Insulation

Colored foam skin polyethylene insulation or solid insulation in according to ASTM 1248, foam skin insulation with cellular polyethylene covered with skin layer of high-density polyethylene compound. Solid insulation is made by medium or high-density polyethylene compound.

Cable Core

Cable core is assembled by quads, which are stranded with a suitable lay length.

Core Wrapping

Anon-hydroscopic and dielectric polyester tape is applied helically or longitudinally over the cable core. Applied polyester tape at least overlaps by 5%.

Identification

A plastic tape, durable marked with the manufacturer name, year of manufacture, and cable size (if required) is placed under the core wrapping.

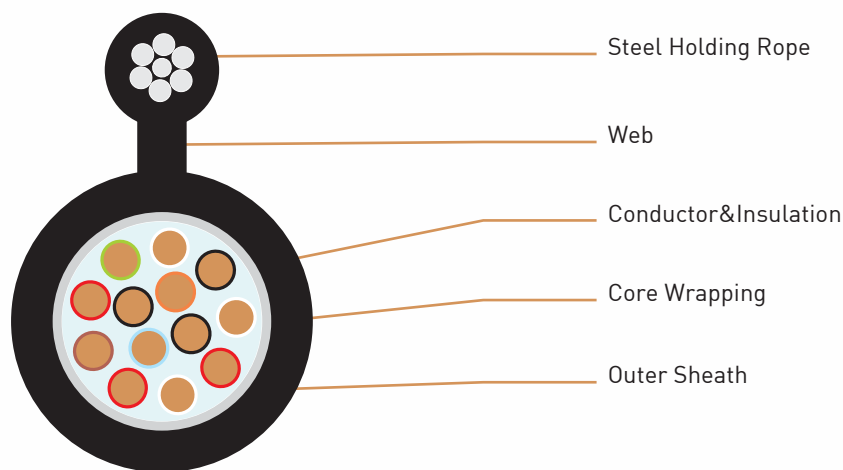
Support Messenger

According to ASTM A 475-66T galvanized 7 steel wires stranded rope having minimum 120 kg/mm² is used as holding rope.

Outer Jacket

Over the corrugated steel tape, outer jacket is extruded black low-density polyethylene or medium density polyethylene in accordance with ASTM D 1248. Outer jacket polyethylene is include %2,5 ±0,5 carbon black for sunrise resistance.

Cable Construction



Type Code of Cable

A-02Y T 2Y mxn

Refer to the type code of the copper cable for the description of the cable code.

Packing

Shipment will be done by non-returnable wooden drums with protection.

Length Marking

Sequentially numbered lengths marking are printed on the outside of cable jacket by hot foil printing method. The outer sheath marked in each meter as follows;

< TURKUAZ Cable > < year of manufacturing > < cable size and diameter of copper > < customer name > < length marking in meter > < telephone handset >

0,5 mm Conductor					0,9 mm Conductor				
Number of Pair	Outer Diameter of Cable mm	Weight of Copper Kg/km (Nom)	App. Cable Weight (Kg/Km)	Reel Length (m)* ± %5	Number of Pair	Outer Diameter of Cable mm	Weight of Copper Kg/km (Nom)	App. Cable Weight (Kg/Km)	Reel Length (m)* ± %5
2	6,5x15,6	14,2		1.000	2	8,7x18,0	46,0		1.000
4	6,5x15,6	14,2	110	1.000	4	8,7x18,0	46,0	160	1.000
6	7,2x16,5	21,3	125	1.000	6	10,0x19,5	69,1	190	1.000
10	8,5x18,5	35,5	165	1.000	10	12,0x22,2	115,1	280	1.000

(*) Other delivery length is available in customer request