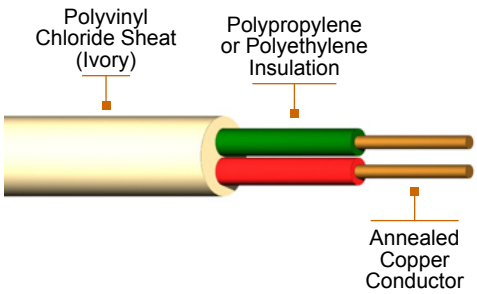
Telephone Wires ST: Inside-Outside Station Wire



Detail Description or Construction

Conductor

0.5 or 0.65 mm solid annealed copper

Insulation

Polypropylene or Polyethylene

Identification

2-core: Red and Green.
3-core: Red, Green and Yellow.
4-core: Red, Green, Yellow and Black.
5-core: Red, Green, Yellow, Black and White.
6-core: Red, Green, Yellow, Black, White and Brown.

Application

For general use inside a telephone subscriber station.

Standards / Testing Specifications

• TOT (Telephone Organization of Thailand).

Marking

ST No. OF CORES SIZE AWG
PHELPS DODGE LENGTH OF CABLE.

Installation

ST cable can be used for connecting subscriber equipment inside the building. It is recommended that the installation instructions indicated by the Local Electric Code, or any equivalent, be followed, so that the safe guarding of persons and the integrity of the product will not be affected by deficiencies in the installation.

Telephone Wires ST: Inside-Outside Station Wire

ELECTRICAL CHARACTERISTICS @ 20 ºC			
Conductor Size	mm	0.5	0.65
Conductor Resistance, Maximum	Ω / km	92	58
Insulation Resistance, Minimum	MΩ - km	1,600	1,600
Dielectric Strength between Conductor (3 seconds)	kVDC	1.0	1.0

Conductor	Number of Cores	Nominal Insulation Thickness	Nominal Sheath Thickness	Approximate Diameter	Approximate Weight	Standard Length
mm		mm	mm	mm	kg / km	m
0.5	2	0.2	0.38	2.8	11	100/C
(24 AWG)	3	0.2	0.38	3.0	13	100/C
	4	0.2	0.38	3.2	15	100/C
	5	0.2	0.38	3.8	18	100/C
	6	0.2	0.38	3.8	21	100/C
0.65	2	0.25	0.38	3.3	16	100/C
(22 AWG)	3	0.25	0.38	3.5	19	100/C
	4	0.25	0.38	3.7	23	100/C
	5	0.25	0.38	4.5	27	100/C
	6	0.25	0.38	4.5	32	100/C

C = Packing in coil