

125V Copper Multiconductor. Thermoplastic Insulation



Detail Description or Construction Conductor

Type TBW is an insulated multiconductor composed by two solid bare annealed copper wires twisted each other; each wire has a thermoplastic insulation of PVC (Polyvinyl Chloride). Designed to operate at not more than 125V, TBW is manufactured in gauges from 22 AWG up to 20AWG and available colors are white and blue.

Application

TBW conductors are used in residential applications like telecommunication systems, alarms, and telephonic extensions.

Standards / Testing Specifications

- TBW has been designed based on ASTM B3 specification.

Marking

PHELPS DODGE TBW # X(GAUGE) AWG (GAUGE) mm² 125V.

Installation

TBW product has been designed to operate at 60°C of temperature inside the conductor in dry conditions. Thermoplastic insulation of PVC does not propagate the flame.

TECHNICAL INFORMATION									
Size	Nominal Cross Section Area		Isolation Thickness of Individual Wires		Aproximate Total External Diameter		Aproximate Total Weight	Máx. CD Electrical Resistance @ 30°C	Standard Packaging
	AWG	C.M.	mm ²	in	mm	in	mm	Kg / Km	Ω / Km
22	640	0,32	0,015	0,39	0,056	1,42	5	56,0	CB 100
20	1020	0,52	0,015	0,39	0,063	1,59	7	35,2	CB 100
2x22	640	0,32	0,015	0,39	0,112	2,85	9	56,6	CB 100
2x20	1020	0,52	0,015	0,39	0,151	3,85	13	35,5	CB 100

Packaging:
 WR: Wooden reel, CB: Carton box, C: Coils