

Cable Name : LAN CAT.5E (SWA) 4x2x0.5mm

IEC Name Format

CU/PE/PE(Bd)/SWA/PVC

Related Standard : TIA/EIA 568.B

Construction Data (Approx)

1	Conductor : Material/Construction/No.xDiameter	Plain_Copper / Solid / 1 x 0.51 mm
2	Insulation : Thickness/Material	0.22 mm / PE
3	--- Color Code :	As PQ-DC-04-01/QPLN12
4	Bedding (or inner-covering) : Thickness / Material	2.00 mm / PE (Extruded)
5	Wire Armour : Material / Wire Diameter	Galvanized_Steel / 0.90 mm
6	Diameter Over / Under Wire Armour :	9.5 / 7.7 mm
7	Jacket : Thickness / Material	2.00 mm / PVC
8	**** Overall Diameter :	13.5 mm
9	**** Total (Net) Weight :	300 Kg/Km (gr/m)
10	Flame Retardancy of Cable While Burning :	Flame-Retardant Acc to IEC 60332-1

Electrical Parameters

11	Conductor DC Resistance @20'C max	93 Ohm/km
12	Attenuation @20'C max,@100MHZ	max 32db/100m
13	Impedance @(1-100MHZ)	100+/-10 Ohm
14	NEXT@100MHZ min	35 db

Installation Notes

15	Ambient Temp. During Installation	min 0'C
16	Standard Packing Style - Length	proper Wooden or Metallic Drum - 1000 (meter)
17	Packed Drum Dimention (HeightxWidth)	90 x 60 cm