

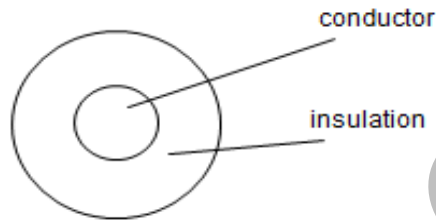


Q1-150



SPECIFICATION

Cross-Section



style: Q1-150 1X1.0MM2 H05V-K Rated temperature:70°C, rated voltage300/500 volts.

Construction

Nominal Section	mm ²	1x1.00		
Cond.Material		Bare copper		
Cond.Conductor style	mm	0.2 (+0.006, -0.006)		
stranded O.D(mm)	mm	1,30		
Insu.Material		PVC		
Insu.NOM.Thickness	mm	0.6		
Min.Thickness	mm	≥0.54		
Diameter	mm	2.5±0.1		

Electrical Properties

Item	Electrical Characteristics
Rated temperature&voltage	70°C 300/500V
Max.Conductor Resistance	19.5Ω/kM& 20°C
Reference Standard	UL758,UL1581 & CSA22.2
Dielectric strength V/min	AC.2000V, 1min NO Break

Physical Properties

Test Object Item	Insulation	
Properties Aged(112°C/168h)	Tensile Strength	≥10.3Mpa
	Elongation	≥100%
	Tensile Strength	≥65% of original
	Elongation	≥65% of original
Flame Test	— —	FT1
Color	— —	Q1-150A Blue Q1-150M Brown Q1-150V Green
		Q1-150B White Q1-150N Black Q1-150VY Green/Yellow
		Q1-150G Grey Q1-150R Red Q1-150Y Yellow

Marking : Q1-150 EMELEC VIASCOM 1X1.0MM2 70°C 300/500V Rohs

Packing : 200m/cardboard reel