



Q1-170



SPECIFICATION					
Cross-Section		<p style="text-align: center;"> conductor insulation </p>			
style: Q1-170 1X2.5MM2 H07V-K Rated temperature:70°C, rated voltage450/750 volts.					
Construction					
Nominal Section	mm ²	1x2.50			
Cond.Material		Bare copper			
Cond.Conductor style	mm	0.25 (+0.006, -0.006)			
stranded O.D(mm)	mm	2,02			
Insu.Material		PVC			
Insu.NOM.Thickness	mm	0,80			
Min.Thickness	mm	≥0.72			
Diameter	mm	3.6±0.1			
Electrical Properties					
Item		Electrical Characteristics			
Rated temperature&voltage		70°C 450/750V			
Max.Conductor Resistance		7.98Ω/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	-- --		Q1-170A Blue	Q1-170M Brown	Q1-170V Green
			Q1-170B White	Q1-170N Black	Q1-170VY Green/Yellow
			Q1-170G Grey	Q1-170R Red	Q1-170Y Yellow
Marking :	Q1-170 EMELEC VIASCOM 1X2.5MM2 70°C 450/750V Rohs				
Packing :	200m/cardboard reel				