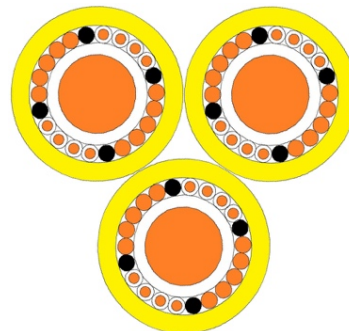


Split concentric Halogen free Airport 400 Hz Cable

Type:

3x70+10x2,5+8x1

Article:



70 mm ² , tinned, extra flexible Conductor acc. to IEC 60228,6			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, tinned	2000	-	Pcs.
Wire diameter	0,2	± 0,02	mm
Resistance	0,267	+0,06	Ω/km
Copper weight	672	-	Kg/km
Insulation of 70mm ² acc. to EN 50363-7, Halogen Free			
Properties	Nominal value	Tolerance	Unit
Material	TP Rubber	-	-
Temperature range	-40 to +85		°C
Wall thickness	1,4	+0,2	mm
Outer diameter	13,8	+0,4	mm
Color	Natural		
10*2,5mm ² , tinned, flexible Conductor acc. to IEC 60228,5			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, tinned	45	-	Pcs.
Wire diameter	0,25	± 0,02	mm
Resistance	8,1	+0,6	Ω/km
Copper weight	24	-	Kg/km
8*1mm ² , tinned, flexible Conductor acc. to IEC 60228,5			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, tinned	32	-	Pcs.
Wire diameter	0,23	± 0,02	mm
Resistance	19,6	+0,6	Ω/km
Copper weight	9,6	-	Kg/km
Insulation of 1mm ² control wires acc. to EN 50363-5			
Properties	Nominal value	Tolerance	Unit
Material	XLPE	-	-
Temperature range	-40 to +90		°C
Wall thickness	0,4	+0,2	mm
Outer diameter	2,1	+0,4	mm
Color	White with Black numbers 1-8		

Type:

3x70+10x2,5+8x1

Helical Concentric stranding of bare neutral conductors and controlled wire separated by dummies.			
Properties	Nominal value	Tolerance	Unit
Centre core	70mm ²		
Lay Length	100		mm
Lapping textile foil	30*0,075		mm

Two layer PUR Outer sheath			
Properties	Nominal value	Tolerance	Unit
Material	PUR	-	-
Temperature range, fixed	-40 to +85		°C
Wall thickness	2,2	+ 0,2	mm
Outer diameter	22,2	+ 1,0	mm
Color	Customers choice		

Twisting of 3 pcs. of Split concentric ft 70+10X2,5+8X1			
Properties	Nominal value	Tolerance	Unit
Lay Length	500	±100	mm
Outer diameter of triple	48	±3,0	mm

Specific properties			
Properties	Nominal value	Unit	Standard
Voltage range	600/1000	V	
Routine voltage test, 5 min.	2.000	V	IEC 811
Type voltage test, 15 min. in water	4.000	V	IEC 811
Max. continuously current at ambient temp +30°C, per phase	280	A	VDE 0298
Max. temperature for 5 sec	250	°C	
Flame Properties	Pass	Vertical	IEC 60332-1
Permissible minimum bending radius	152	mm	DIN 0298-3
Resistance 2 core at +20°C	0,267±0,01	Ω/Km	
Resistance 2 core at +70°C	0,320±0,01	Ω/Km	
Mutual capacitance	110	nF/Km	
Inductance	0,3	mH/Km	
Impedance	0,348	Ω/Km	
Voltage drop, φ=0,8	0,7	mV/Am	
Voltage drop, φ=0,8, 90kW, 25m, U ₀	2,81	V	
Weight total	1,3	Kg/m	