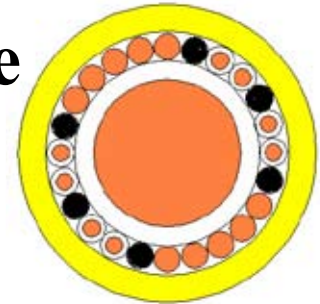


Split Concentric Halogen free Airport 400 Hz Cable.



Type: Split concentric ft 70+10X2,5+8X1

70 mm², 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 70mm² acc. to HD 603-3J			
Properties	Nominal value	Tolerance	Unit
Material	TP Rubber	-	-
Temperature range	-40 till +85		°C
Wall thickness	1,4	+ 0,2	mm
Outer diameter	13,8	+ 0,4	mm
Colour	Natural		
10*2,5mm², 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	+0,06	Ω/Km
Copper weight	24	-	Kg/km
8*1mm², 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	+0,06	Ω/Km
Copper weight	9,6	-	Kg/km
Insulation of 1mm² control wires			
Properties	Nominal value	Tolerance	Unit
Material	XLPE	-	-
Temperature range	-40 till +90		°C
Wall thickness	0,4	+ 0,2	mm
Outer diameter	2,1	+ 0,4	mm
Colour	White with black numbers 1-8		

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

Two layer PUR Outer sheath			
Material	PUR	-	-
Temperature range	-40 till +85		°C
Wall thickness	2,2	+ 0,2	mm
Outer diameter	22,2	+1,0	mm
Colour	Customer choice		

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	
Permissible minimum bending radius.	152	Mm	DIN 0298-3
Flame Properties	Pass	Vertical	IEC 60332-1
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