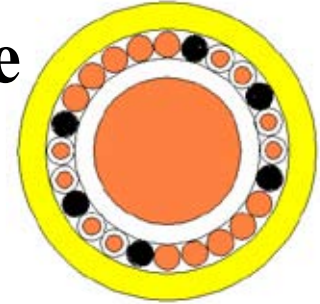


Split Concentric Halogen free Airport 400 Hz Cable.



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 |