

SPEAKFIL-2Y8SDYY 2x0.35 P
Code - 752



Description

Bare copper conductor. Polyethylene insulation. Semiconductor polyethylene shield. Lay up conductors. Bare copper spiral shield. PVC-NBR inner sheath. PVC-NBR outer sheath.

PHYSICAL CHARACTERISTICS

Conductor

| | |
|----------------------------|-------------|
| Material | Bare copper |
| Section (mm ²) | 0,35 |
| AWG | |
| Composition | 20 x 0,15 |

Insulation

| | |
|---------------|----------------|
| Material | Polyethylene |
| Diameter (mm) | 1,80 |
| Colour | Blue and White |

Semiconductor shield

| | |
|---------------|----------------------------|
| Material | Semiconductor polyethylene |
| Diameter (mm) | 2,1 |
| Colour | Black |

Lay up

| | |
|-------------|----------|
| Composition | 2 pairs. |
|-------------|----------|

Protection

| | |
|----------|----|
| Material | NO |
|----------|----|



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Inner sheath

| | |
|---------------|----|
| Material | NO |
| Diameter (mm) | |
| Colour | |

Outer shield

| | |
|------------|-------|
| 1st Shield | |
| Material | |
| Coverage | 100 % |
| 2nd Shield | NO |
| Material | |
| Coverage | |

Outer shield

| | |
|---------------|------------|
| Material | PVC-NBR |
| Diameter (mm) | 6,5 |
| Colour | Black matt |

Printing

| | |
|-------------|-----------|
| Inscription | Conducfil |
|-------------|-----------|

Supply

| | |
|---------|---------------|
| Packing | To be defined |
|---------|---------------|

MECHANICAL CHARACTERISTICS

| | |
|-----------------------------|------------|
| Appox. Weight | 49,9 Kg/km |
| Operating temperature range | -20 / + 70 |
| Minimum bending radius | 130 mm |

ELECTRICAL CHARACTERISTICS

| | |
|----------------------------------|------------------|
| Conductor DC resistance at 20° C | 49 Ohms/km |
| Shield DC resistance at 20° C | 16,4 Ohms/Km |
| Nominal capacitance | 60 pF/m |
| Insulation resistance | >1000 Mohms * Km |
| Voltage test | 1500 v |



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SAFETY

FLAME TEST

| | | Compliance |
|---|-------------|--------------------------|
| Test for vertical flame spread | IEC-60332-1 | <input type="checkbox"/> |
| Test for vertical flame spread | IEC-60332-2 | <input type="checkbox"/> |
| Test for vertical flame spread | IEC-60332-3 | <input type="checkbox"/> |
| It does not emite toxic fumes or halogens | IEC-754-1 | <input type="checkbox"/> |
| It does not emite corrosive fumes or halogens | IEC-754-2 | <input type="checkbox"/> |
| Low emision of dense fumes | IEC-1034-1 | <input type="checkbox"/> |

ENVIRONMENT

| | | Compliance |
|--------------------------------|----------------------|-------------------------------------|
| Content of hazardous sustances | Directive 2002/95/CE | <input checked="" type="checkbox"/> |

APPLICABLE SPECIFICATIONS

| | | Compliance |
|---------------------|--------------|-------------------------------------|
| Conductor material | UNE-EN 60228 | <input checked="" type="checkbox"/> |
| Insulation material | UNE-EN 50290 | <input checked="" type="checkbox"/> |