

TECHNICAL DATASHEET

code **70066CH**

Version 1

Date 2010-10-11

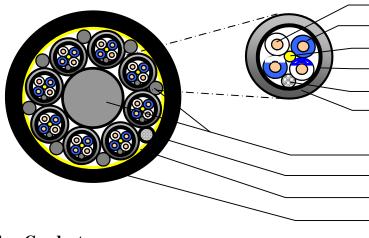
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8 fold Star-quad 26AWG FRNC

APPLICATION

8 fold star-quad FRNC microphone cable.

CONSTRUCTION



- 1. Conductor
- 2. Insulation single wires
- 3. Strength member
- 4. AlPet foil
- 5. Drainwire
- 6. Jacket single element
- 7. Fillers
- 8. Drainwire
- 9. Foil
- 10. Jacket

Polyethylene

ringmarking Kevlar

100 %

 $1.15 \pm 0.05 \text{ mm}$

Aluminum-polyester

Stranded tinned copper 7x0.16 mm (AWG26)

Under shielding foil

stranded bare copper

19 x 0.1 mm (AWG 26)

1. Conductor

Material

Dimension

2. Insulation single wires

Material

Diameter over insulation

Colour of insulation

3. Strength member

4. Shielding foil:

Material

Coverage

5. Drainwire:

Material Dimensions

Position

6. Jacket single element

Material

FRNC (Colour:like Grey RAL 7001)

White ,Blue, White/blue, Blue/white

Elements are numbered 1 -8 for

identification.

3.7 mm

Nominal diameter

7. Fillers

8. Drainwire

Material

Dimensions

9. Foil

Material

10. Jacket

Material

Diameter

Nominal wall-thickness

Polyester non-woven

Stranded tinned copper 26 x 0.254 mm (AWG16)

FRNC (Colour Black)

 $16.7 \pm 0.5 \text{ mm}$

1.5 mm

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REQUIREMENTS AND TEST METHODS

Electrical:

Nominal capacitance conductor to conductor @ 1 kHz

Nominal capacitance conductor to shield @ 1 kHz

Nominal conductor DC resistance @ 20°C

110 Ohm/km

Mechanical and physical:

Temperature rating -30 to +70 °CResistance to flame propagation: IEC 60332-2-24 Minimum bending radius without load 10 x cable diameter Minimum bending during install with load 15 x cable diameter

Printlegend: (on cable sheath)

"AUDIO BRILLIANCE® BY BELDEN 70066CH 8 QUAD 26AWG/0.15MM2 FRNC MMYY" + sequential metermarking. (MMYY =month and year of production)



Belden declares this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.