

# CABLE DRAWING

# Habia Cable

**Customer ref:** 6403-57000-CS-001

Habia inspection plan  
HIP-C-40307769

Date of issue  
2006-10-02

Drawing no  
403-07769-012

**Description:** M 1619 TPC - STM 4

Issued by  
CJV

Approved by  
PS

Rev. no  
01

Revised by  
EJ

Revised date  
2006-12-18

## Elektriska data vid + 20 °C / Electrical data at +20 °C (nom. data)

1 (1)

LEDARRESISTANS / CONDUCTOR RESISTANCE.....max: 15,7  $\Omega$ /km  
ISOLATIONSRESISTANS / INSULATION RESISTANCE..... >1500 M $\Omega$  x km  
KAPACITANS / CAPACITANCE.....N/A nF/ km  
IMPEDANS / IMPEDANCE.....N/A  $\Omega$   
DÄMPNING / ATTENUATION..... MHz .....N/A dB/100 m  
PROVSPÄNNING / TEST VOLTAGE .....Sparktest jacket: 10kV Impulse Dielectric withstand, 1min:3 kV DC  
DRIFTSTEMPERATUR / TEMPERATURE RATING .....-60 / +200 °C  
DRIFTSPÄNNING / VOLTAGE RATING .....600 V  
VIKT / WEIGHT .....approx. 75 kg/km

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| Pos | Beskrivning/Description                           | Dimensioner/Dimensions       | Ytterdiam./<br>Overall diam. [mm] | Anm./Remarks     |
|-----|---------------------------------------------------|------------------------------|-----------------------------------|------------------|
| 1   | Tin plated copper conductor<br>Insulation of PEEK | 16 AWG (19 x 0,29)<br>t=0,25 | 1,36<br>1,86                      | 0.053"<br>0.073" |
| 2   | Braid of tin plated copper                        | wire diam 0,13               | 5,1                               | 0.200"           |
| 3   | Jacket of PEEK, Natural                           | t=0,35 (0.013")              | 5,8 nom                           | 0.228"           |

## Jacket marking:

HABIA CABLE M 1619 TPC-STM 4 403-07769-012 4C 16 AWG PEEK 000m

## Cable construction:

All cores natural, numbered 1-4

Wire marking at 0.1m (4") intervals

Jacket marking at 1m (40") intervals

000m = Meter marking (e.g. 001m at first metre interval, 002m at second interval)

Radiation tolerance: 10 MGy (1000 MRad)

Note: no fillers allowed

