

## Z10-J-H(St)H C<sub>ca</sub>

Telecommunication cable, 300 V  
+70 °C service temperature, collective screen, armored, fire retardant, zero halogen, sunlight and oil resistant,  
K 165, NEN 1597 and EN 50575

### Application

Collectively screened, zero halogen and armored installation cable with improved fire characteristics for telecommunications and information processing systems where additional protection against mechanical damage is required. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. Cables are suitable for direct burial.

### Construction



- |                  |  |
|------------------|--|
| 1. Conductor:    | Copper conductor, bare, solid (class 1)            |
| 2. Insulation:   | Halogen free compound                              |
| 3. Separator:    | Polyester tape                                     |
| 4. Screen:       | Laminated Alu/PETP tape + tinned copper drain wire |
| 5. Inner sheath: | Halogen free compound                              |
| 6. Armoring:     | Galvanized steel wire braiding                     |
| 7. Outer sheath: | Halogen free compound, green                       |

### Technical information

Rated voltage	U <sub>max</sub>	300 V
Max. permissible temperature at conductor		70 °C
Min. operating temperature	fixed installation	-40 °C
Installation temperature		-20 °C to 70 °C
Min. bending radius mm	fixed installation	7 x outer diameter in mm
<b>Safety parameters</b>		
Reaction to fire		EN 50399 C <sub>ca</sub> – s1, d1, a1
<b>Additional parameters</b>		
Oli resistant		IEC/EN 60811-404
UV resistant		

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N° of cores and cross section mm	Outer diameter approx. mm	Weight approx. kg/km
1 x 2 x 0,8	7,7	98
2 x 2 x 0,8	9,9	141
3 x 2 x 0,8	10,3	159
4 x 2 x 0,8	11,2	186
6 x 2 x 0,8	12,5	233
12 x 2 x 0,8	15,0	344
19 x 2 x 0,8	17,1	467
24 x 2 x 0,8	19,5	574

La version française de cette fiche technique est disponible sur demande.  
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.