

Data BUS 77Ω AWG26 EN3375-007 (F 2703-0072)



Cables specification: EN3375-007

Short designation: EN WW26
Cable, electrical, for digital data transmission, type WW



Cable characteristics



-65 +200°C



Excellent



FAR25_
ABD0031

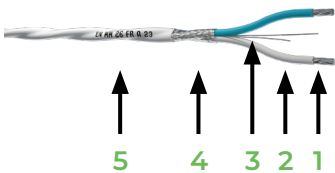
Environmental

- Operating temperature: -65°C to 200°C (ambient temperature + current heating)
- Resistant to Aircraft fluids (oils, hydrocarbons, kerosene, skydrols...), Chemical agents

Electrical

- For information: Maximum voltage rating 250 V AC
- Characteristic Impedance: $77 \pm 7 \Omega$ at 1 MHz
- Capacitance: 75 pF/m max.
- Attenuation: $\leq 4.1\text{dB}/100\text{m}$ at 1 MHz
- Transfer Impedance (Z_t max. in $\text{m}\Omega/\text{m}$):
 - direct current: 30
 - 1 MHz: 15
 - 10 MHz: 15
 - 30 MHz: 15

Cable design



1. Stranded conductor: Silver plated copper
2. Insulation: Fluoropolymer
3. Fluoropolymer filler
4. Silver plated copper Braid
5. Fluoropolymer

Identification

- Core color: White and Blue
- Cable color: White

Marking

Marking text	Standard reference	Draka designation	Marking color
EN WW 26 FRA XX	EN3375-007 C	F 2703-72-EXT BUS 26 AWG	Black
EN WW R 26 FRA XX	EN3375-007 C 01	on request	Red (main line)
EN WW B 26 FRA XX	EN3375-007 C 02	on request	Blue (branch line)

EN WW 26 or EN WW R 26 or EN WW B 26: Short designation
FR: Country of Origin
A: Manufacturer (A: Draka)
XX: Manufacturing year

Specifications

Cable specification

EN3375-007 cable, electrical, for digital data transmission

Part 007: Double braid - 77 Ohms - Type WW - Product standard

Technical Specification

EN3375-001

Compliant to ABD0031

Flammability, Smoke and Toxicity requirements and 14 CFR FAR25-1713

Dimensional

Conductor construction	Conductor diameter		Linear resistance max. at 20°C	Insulation diameter max.	Braid strand diameter nominal	1st braid diameter max.	2nd braid diameter max.	Cable outer diameter		Weight max.	Min. bend radius
	min.	max.						min.	max.		
nb x Ø mm	mm <i>inch</i>	mm <i>inch</i>	Ω/km <i>Ω/1000ft</i>	mm <i>inch</i>	mm <i>inch</i>	mm <i>inch</i>	mm <i>inch</i>	mm <i>inch</i>	mm <i>inch</i>	kg/km <i>lbs/1000ft</i>	mm
19 x 0,10	0.45 <i>0.0177</i>	0.53 <i>0.0208</i>	153 <i>46.63</i>	0.85 <i>0.0334</i>	0.08 <i>0.0031</i>	2.00 <i>0.0787</i>	2.40 <i>0.0944</i>	2.80 <i>0.1102</i>	3.00 <i>0.1181</i>	21 <i>14.11</i>	20



Prysmian câbles et systèmes France

Head Office

23 avenue Aristide Briand - BP 801 - PARON - 89108 SENS Cedex / France
Tel : +33 (0)4 72 46 73 99 - infocables.fr@prysmian.com

Draka Fileca SAS

D 1001 - 60730 Sainte-Geneviève / France
fileca-office@prysmian.com



www.prysmian.com



© PRYSMIAN 2024

All Rights Reserved. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian. The information is believed correct at the time of issue. Prysmian reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian.