

DATA SHEET

Item no. 99909653

Connector type F-56 4.9 SELF INSTALL ZN
For cable Belden H126 DuoBondPlus (PVC)

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance	4,0 mΩ/m @ 5-30MHz
	0,09 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	>120 dB @ 30- 862MHz
	>110 dB @ 862-3000MHz

All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.



Return Loss (IEC 61169-1)
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-38 dB	-41,7 dB
500 - 860 MHz	-33 dB	-36,1 dB
860 - 1000 MHz	-31 dB	-34,6 dB
1000 - 1750 MHz	-27 dB	-30,2 dB
1750 - 2150 MHz	-26 dB	-28,9 dB
2150 - 3000 MHz	-26 dB	-28,8 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,07 dB	-0,02 dB
860 - 1000 MHz	-0,09 dB	-0,04 dB
1000 - 1750 MHz	-0,11 dB	-0,06 dB
1750 - 2150 MHz	-0,11 dB	-0,06 dB
2150 - 3000 MHz	-0,11 dB	-0,06 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation

	IM3	IP3-value
3rd Order (@2x100mW)	< -120 dBc	> +80 dBm

Inner Conductor Resistance

(@ 1 A DC)	Cable data
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Sealing Test

(IEC IP-code)	-
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Insulation Resistance

(@ 500 VDC)	Cable data
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O-rings

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Dielectric Strength

DC Test Voltage	Cable data
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Base Material

Body Parts	CuZn39Pb3 / Zinc / POM (Delrin)
Inner Conductor	-

Max. Tensile Strength

Overall	250 N
	25,5 Kgf

Plating

Body Parts	Nickel
Inner Conductor	-

Torsional Strength

(Connector / Cable)	*NATM
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Insulators

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Test performed by

Troels V. Kristensen

Date of release

October 30, 2009

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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