

## F CONNECTOR



### EX6-51WSNT

Article number 695020307

PRODUCT CATEGORY: CATV

STATUS: AVAILABLE



## Product

F CONNECTOR  
EX6-51WSNT

Watertight ultra high quality F type compression connector for cable with 7 mm diameter (like KOKA 799, KOKA 9TS, RG6). In real life, the use of port seals is often intermittent. Improper use or lack of port seals leaves connectors susceptible to the elements. The EX6-51WSNT guarantees the use of the proper port seal every time, keeping the moisture out.

## Properties

5 Year  
Warranty

Class A  
Screening

High  
Durability

Low  
Loss

## Certificates



## Included

N/A

## Tools

- 1 piece Compression tool VT 200  
Article number 695020314



- 1 piece Compression tool VT 300  
Article number 695020315



## Instruction video

[www.hirschmann-multimedia.net/  
montagefilm](http://www.hirschmann-multimedia.net/montagefilm)

## Instruction card

[www.hirschmann-multimedia.net/  
installation/installatie-schema](http://www.hirschmann-multimedia.net/installation/installatie-schema)

## Mechanical Specifications

Dimensions hwxwx  
35 x 14 x 14 mm

Weight  
0.009 kg

Color  
Metallic

## PRODUCTSHEET

### EX6-51WSNT

### F CONNECTOR

## Specifications

### Electrical

	Specification	Standard
Frequency range	5-2200 MHz	
Impedance	75 Ω nominal	
	Better than Typical	
Return loss	-27 dB	5-500 MHz IEC 61169-1, 9.2.1.4
	-23 dB	500-860 MHz IEC 61169-1, 9.2.1.4
	-22 dB	860-1006 MHz IEC 61169-1, 9.2.1.4
	-15 dB	1006-1750 MHz IEC 61169-1, 9.2.1.4
Gated return loss	-32 dB	5-500 MHz
	-29 dB	500-860 MHz
	-27 dB	860-1006 MHz
	-21 dB	1006-1750 MHz
Insertion loss	-0.04 dB	5-500 MHz
	-0.04 dB	500-860 MHz
	-0.04 dB	860-1006 MHz
	-0.06 dB	1006-1750 MHz

Shielding effectiveness (Measured with CoMeT)

Transfer impedance @ 5-30 MHz	<0.6 mΩ/item	IEC 62153-4-3
Screening attenuation @ 30-1006 MHz	> 102.5 dB	IEC 62153-4-4
Screening attenuation @ 1006-2000 MHz	> 95.5 dB	IEC 62153-4-4
Screening attenuation @ 2000-3000 MHz	> 94.4 dB	IEC 62153-4-4
	Class A+	EN 50117
Common path distortion < -110 dBc		ANSI/SCTE 109 2005
Amp rating	> 2 A	
Dielectric strength	> 2 kV	IEC 61169-1, 9.2.5
Insulation resistance	> 29.99 GΩ @ 500 V DC	IEC 61169-1, 9.2.5

### Environmental

Temperature range operating	-40°C to +60°C	
Temperature range installation	-5°C to +50°C	
Sealing test	IPX8 - 1meter/24 hours	IEC 60529
Corrosion protection		ANSI/SCTE 99

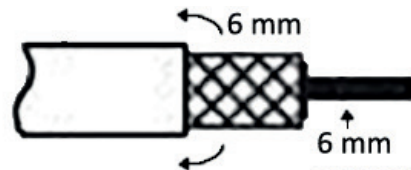
### Mechanical

Interface	F	IEC 61169-24
Pull strength	> 15 kgf	ANSI/SCTE 99
Approved compression tool	VT150DK-rev, VT-300 & CT2-AS-EX	

### Material and finish

Housing	NiSn (NITIN) plated brass	ASTM B605
O'ring	EPDM	

## Stripping instruction



Fold braiding back

## Related product - EX6-5138

Article number 695020335



## Related product - EX59-39179

Article number 695020304



## Related product - KOKA 799 BLACK

Article number 198799102



## Contact

▲ Pampuslaan 170  
1382 JS WEESP

✉ info@hirschmann.nl

☎ NL 31 (0)294 46 25 55  
BE 32 (0)2 46 13 095

in www.linkedin.com/company/hirschmann-multimedia-b.v.

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