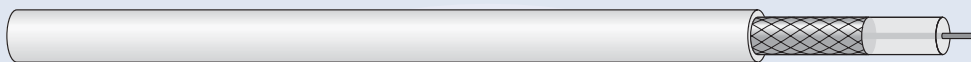


Naval coaxial cable

Naval halogen free coaxial cables are produced by a leading cable producer. We have selected two types as our standard. It is very important to use 100% shielded coaxial cable onboard a vessel to avoid interference from other cables or equipment.



75110AFZ, 90 dB/1 GHz (white)



75160AF (green)

TECHNICAL SPECIFICATIONS

Type	75110AFZ	75160AF
	Indoor use	Outdoor/Satellite use
Order no.	201594	201596
Structure		
Center conductor Ø (mm)	1.1	1.60
Material	Cu	Cu
Outer conductors	Alu-Foil	Alu-folie
Mantle Ø (mm)	6.8	10.3
Material	PVC	Cell-PE
Colour	White	Green, RAL 6016
Characteristic impedance	75 Ohm ± 3%	75 Ohm ± 3%
Attenuation:		
at 20°C		
100 MHz	6.3 dB	100MHz 4.1 dB
300 MHz	10.8 dB	300 MHz 7.9 dB
450 MHz	13.0 dB	450 MHz 9.0 dB
862 MHz	18.8 dB	862 MHz 13.9 dB
1000 MHz	20.6 dB	1000 MHz 14.8 dB
dB/100 m		1350 MHz 18.3 dB
		1750 MHz 21.1 dB
		2050 MHz 23.9 dB
		2500 MHz 28.3 dB
Return loss		
dB:		
25–300 MHz	18 dB	5-470 MHz > 26 dB
300-600 MHz	15 dB	470-862 MHz > 20 dB
600–960 MHz	13 dB	
Screening efficiency (dB)	93 <small>(30-1000MHz)</small>	90
Capacitance pF/m	67	55
Velocity of signal propagation v/c	0.66	0.81
Range of temperature C°	-20 to +70	-20 to +70
APPROVALS		
EMC	EN 50081-1, EN 50082-1	EN 50081-1, EN 50082-1
Shielding	VDE 0855, Part 10	VDE 0855, Part 10
Screening efficiency	CLASS A (EN 50117)	CLASS A (EN 50117)
Material: Halogen free	VDE 0472 (IEC 754-1)	VDE 0472 (IEC 754-1)
Direct-current resistance Ohm/km		
Inner conductor	19	9
Outer conductor	11	13
Minimum bending radius (mm)	60	110
Weight approx. kg/100 m	5.1	10.5
Shipping	100 m roll, 5.5 kg	100 m roll, 11 kg



0710

Since 1971, the objective of Naval Electronics has been to offer the best possible products for TV and Radio reception at sea. Naval began with omnidirectional antennas and is the world leader in this field of technology today. Now, with an expanded product range, the name Naval means much more than antennas. Naval operates in more than 40 countries and has installations on thousands of vessels all over the world.

All specifications stated are subject to change without notice.



Marine Broadband Communication

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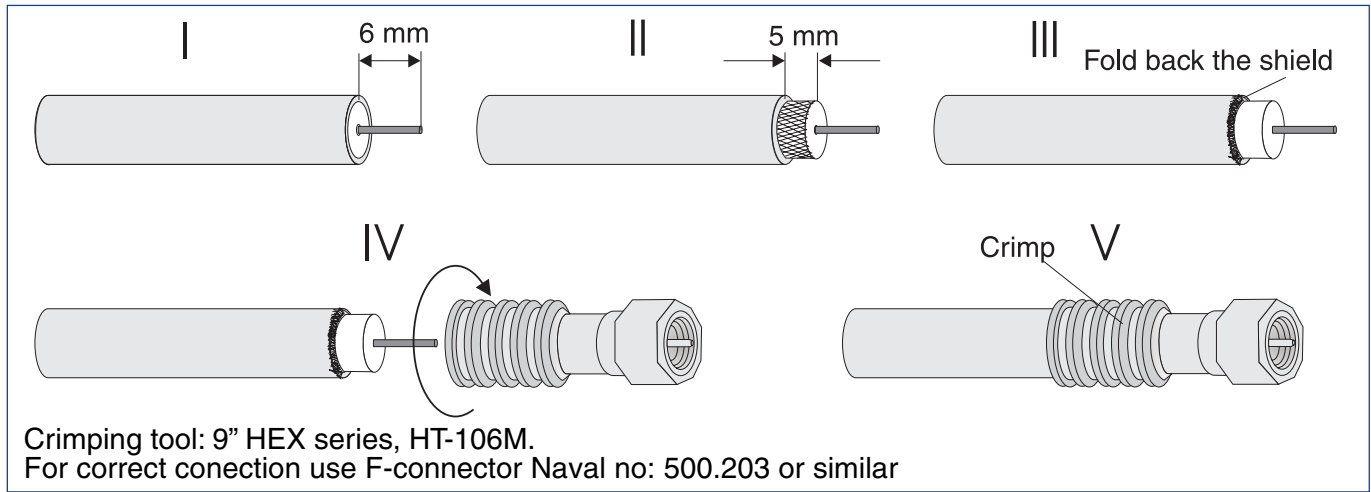
E-mail:sales@naval.se

www.naval.se

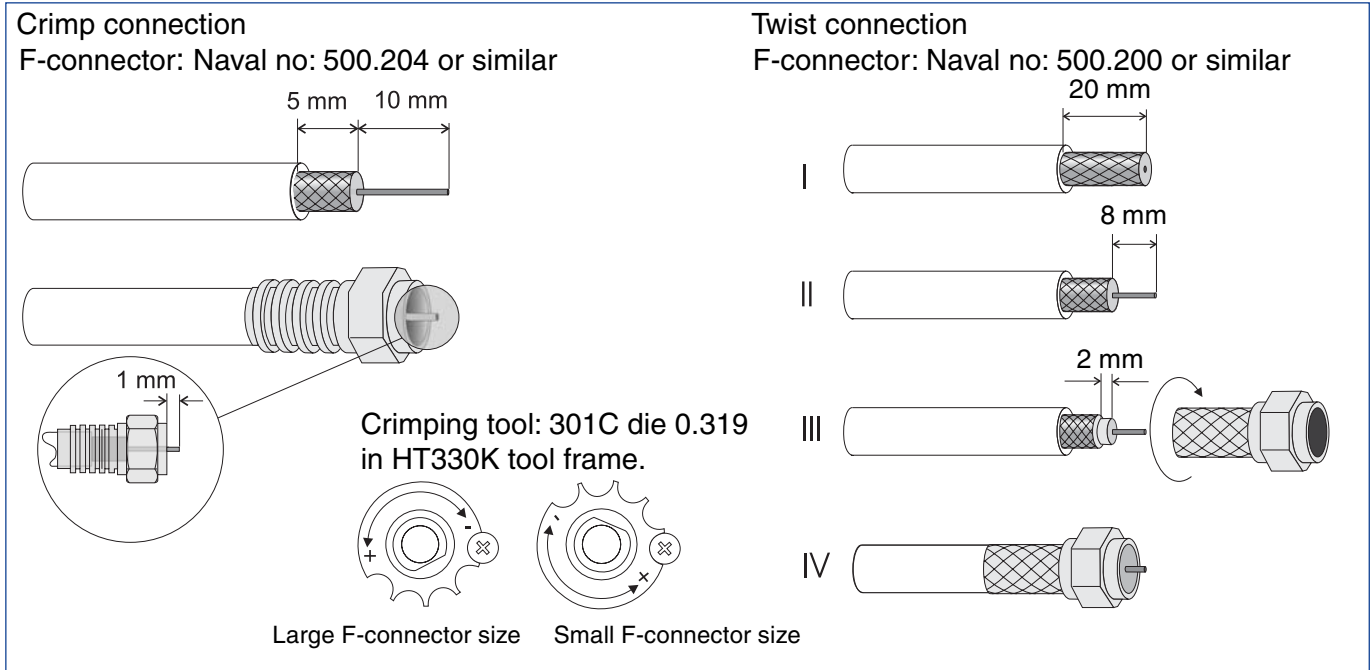


9102A

Stripping and crimping of 75160AF coax cable.



Stripping and crimping of 75110AFZ



Note! Only use prescribed tools for stripping and crimping.

Installation example

