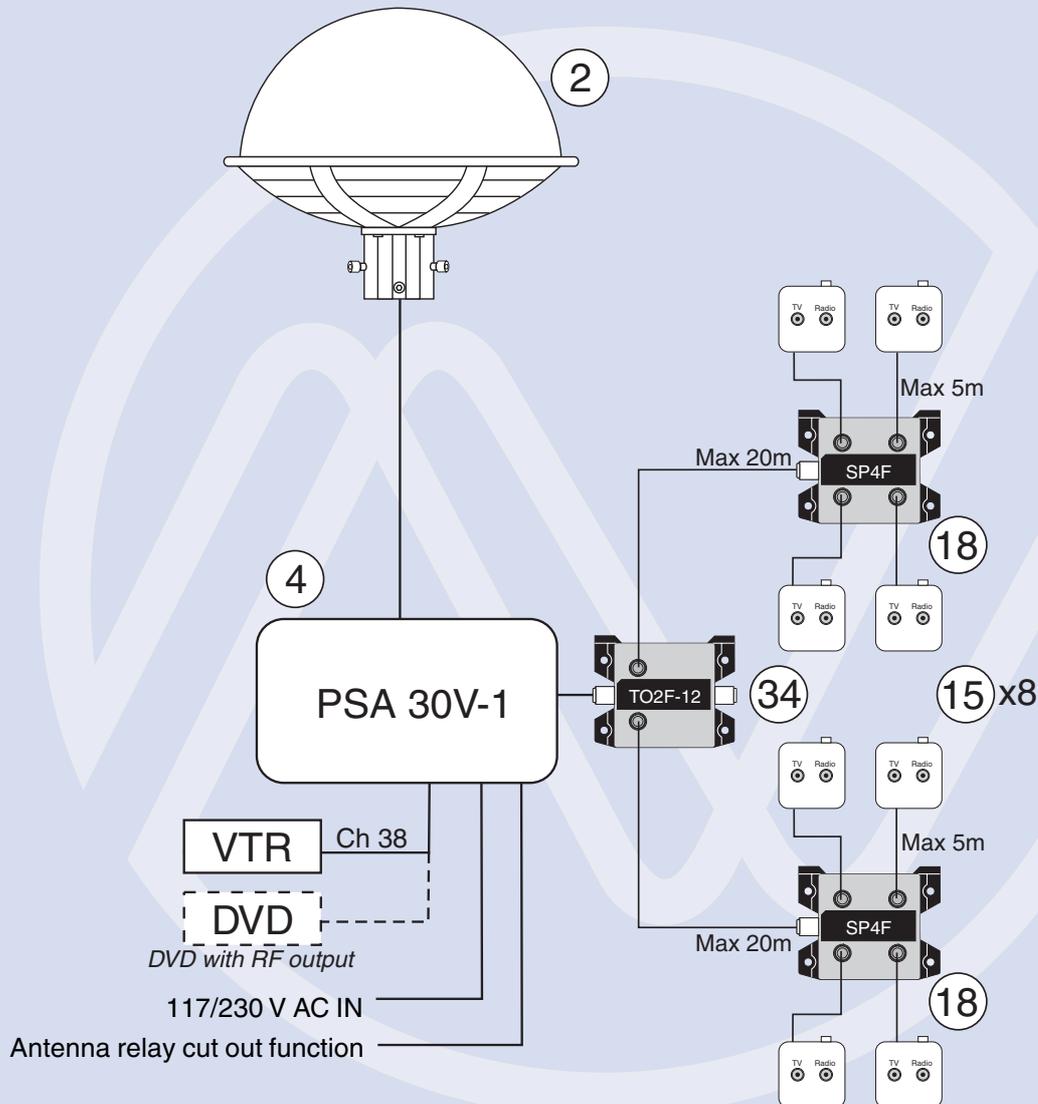


NAVPLAN 4-8 TV/RADIO OUTLETS

AM-TV-FM antenna
Mark 22CA alt. 32ALC



Note: Max cablelengths depending on coax cable prestanda.

0703

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

Naval Electronics AB

Höjdrodergatan 18, SE-212 39 Malmö, Sweden

Tel. +46(0)40-29 20 45. Fax +46(0)40-18 74 13

E-mail: sales@naval.se www.naval.se

2020

NAVPLAN 4-8 TV/RADIO OUTLETS

BILL OF MATERIAL						
QUANTITIES ARE FOR ONE SHIP SET						
ITEM. NO	QTY	SIZE w×h×d (mm)	DESCRIPTION	ART. NO	REMARKS	REV
2		Diam: 460 Height: 370	Mark 22CA with BNC+25m coaxial cable TV-AM-FM antenna	201.040		
2		Diam: 460 Height: 370	Mark 32ALC with BNC+25m coaxial cable TV-AM-FM antenna	201.095	Option	
4	1	230x85x160	PSA 30V-1 Power supply	201.160		
16	2	75x57x30	SP4F 4-way splitter shielded	201.555		
34	1	75x57x30	TO2F-12 2-way 12 dB tap off	201.554		
15	8		N1, TV/Radio Outlet	201.503	State IEC or F-connectors	
31	8	77x77x32	N mounting frames	201.501	Optional	
29	8	1500mm length	Cord, IEC for TV or Radio	201.410		
30	~100m	Max length	Coaxial cable AFZ 75110*	201.594		

*Can be replaced by similar coax cable as per enclosed specification

TECHNICAL SPECIFICATIONS

Type	AF 75110AFZ Indoor use
Structure	
Center conductor Ø (mm)	1.1
Material	Cu
Outer conductors	Alu-Foil
Mantel Ø (mm)	6.8
Material	PVC
Characteristic impedance	75 Ohm ± 3%
EMC:	EN 50081-1, EN 50082-1
Attenuation:	50 MHz 4.9
	100 MHz 6.3
at 20°C	200 MHz 8.5
	300 MHz 10.8
dB/100 m	450 MHz 13.0
	800 MHz 18.4
	1000 MHz 20.6
	1350 MHz 23.7
	1750 MHz 27.2
Return loss dB	
	25–300 MHz 18 dB
	300–600 MHz 15 dB
	600–960 MHz 13 dB
Screening factor (dB)	>75
Capitance pF/m	67
Velocity of signal propagation v/c	0.66
Direct-current resistance Ohm/km	
Inner conductor	19
Outer conductor	11
Minimum bending radius (mm)	60
Weight approx. kg/100 m	5.1 kg
Shipping	100 m roll 5.5 kg
Order No	201.594

See also leaflet 9102A

