

### FEATURES

As standard SEAS has selected two halogen free coaxial cables from a leading cable producer. It is no problem to use similar locally sourced coaxial cables in your SEAS distribution system. Note: To avoid interference onboard a vessel it is important that all coaxial cables are 100% shielded!



COAX cable design

### TECHNICAL SPECIFICATION

	<b>COAX A, RG-6</b>		<b>COAX B, RG-11</b>	
Center conductor Ø (mm)	1.1		1.6	
Material	Cu		Cu	
Outer conductors	Alu-foil		Alu-foil	
Mantle Ø (mm)	6.8		10.3	
Material	PVC		Cell-PV	
Colour	Black		Black	
Characteristic impedance	75 Ohm ± 3%		75 Ohm ± 3%	
Attenuation:				
	100 MHz	6.3 dB		4.1 dB
at 20°C	300 MHz	10.8 dB		7.9 dB
dB/100 m	450 MHz	14.0 dB		9.0 dB
	862 MHz	19.5 dB		13.9 dB
	1000 MHz	22.5 dB		14.8 dB
Return loss:				
	25-300 MHz	18 dB	5-470 MHz	>26 dB
	300-600 MHz	15 dB	470-882 MHz	>20 dB
	600-960 MHz	13 dB		
Screening efficiency (dB)	93dB		90 dB	
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	
<b>APPROVALS</b>				
EMC	EN 50081-1, EN 50082-1		EN 50081-1, EN 50082-1	
Shielding	DE 0855, Part 10		DE 0855, Part 10	
Screening efficiency	CLASS A (EN 50117)		CLASS A (EN 50117)	
Material: LSZH (Low Smoke Zero Halogen)	EN60332-1		EN60332-1	
<b>Direct-current resistance Ohm/km</b>				
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	

### DESCRIPTION

SEAS Coaxial cable type A, RG-6  
SEAS Coaxial cable type B, RG-11

### PART NO

3040  
3050

