

TECHNICAL DATA SHEET

Date: 10/2025

ARTICLE NUMBER: 600-0551

SOMMER  **CABLE**
AUDIO ■ VIDEO ■ BROADCAST ■ MULTIMEDIA ■ HIFI

DESCRIPTION

RG/U Coax SC-Classic Series MKII

TECHNICAL SPECIFICATIONS

Conductor 1	Bare Copper wire 7x0,75mm
Conductor 1 (resistance)	5,6 Ohm/Km
Dielectric	PE 7,25 mm
Braid 1	Bare Copper wire, cov. ca 94 %
External Jacket	PVC AF Black
External Jacket (diameter)	10,3 ± 0,2 mm
Impedance	50 ± 2 Ohm
Mutual/coax capacity	99 ± 2 pF/m
Velocity Ratio	66 %
Inductance	0,25 mH/Km
Insulation resistance at 20°C	min. 5 GOhm x Km
Working Voltage	max 3700 V
Temperature rating	Occasional flexing: -10 up to +70°C / Fixed installation: -40 up to +80°C
Screen Resistance	5,9 Ohm/Km
Test Voltage	5 KVac
Minimum bending radius	Occasional flexing: 10 x O.D / Fixed installation: 6 x outer diameter
Weight	15 Kg/100m
Notes	CPR Reaction to fire EuroClass according to EN 50575: Eca

ELECTRICAL FEATURES

Freq.	Atten. dBx100m	RL dB
50	4,8	100-300MHz > 35
230	10,2	300-1000MHz > 30
470	15,3	
860	22,3	
1000	24,5	
1485	30,3	
1750	32,7	
2150	35,7	
3000	40,6	

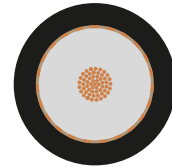
APPLICATIONS

Transmission systems

50 Ohm: Transceiver antennas

75 Ohm: Audio-video for CCTV-MATV-CATVCOMPUTER

93 Ohm: IT/Telematics



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