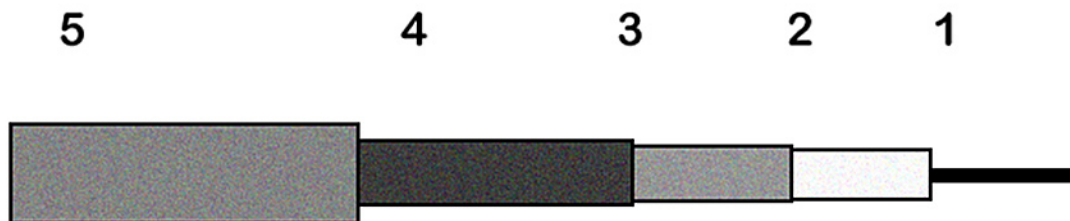


# Rosenberger - RTK 057-E



1	Center conductor	copper wire, solid, silver plated	Ø 1,40 mm
2	Dielectric	foamed PE	Ø 3,75 ± 0,05 mm
3	Screen 1	tin plated copper wire braid	Ø 4,30 mm
4	Screen 2	tin plated copper wire braid	Ø 4,80 mm
5	Jacket	Halogenfree, flame retardant according to IEC 332-1	Ø 5,70 ± 0,20 mm

## Electrical parameters (20°C ambient temperature)

Characteristic impedance		50 ± 2 Ω
recommended frequency range		DC to 3000 MHz
Screening effectiveness	(up to 2200 MHz)	≥ 80 dB
Power handling	(up to 2000 MHz, 40°C)	70W
Insertion loss	(@ 30 MHz)	≤ 0,05 dB / m
	(@ 200 MHz)	≤ 0,13 dB / m
	(@ 500 MHz)	≤ 0,21 dB / m
	(@ 1000 MHz)	≤ 0,31 dB / m
	(@ 2000 MHz)	≤ 0,45 dB / m
	(@ 3000 MHz)	≤ 0,60 dB / m
DC resistance		≤ 1,3 Ω / 100 m
Capacitance		82 pF / m
Velocity ratio		82 %

## General Data

Temperature		-40°C up to 80°C
Weight		6,5 kg / 100 m
Min. Bending radius	static	30 mm
	multiple	60 mm