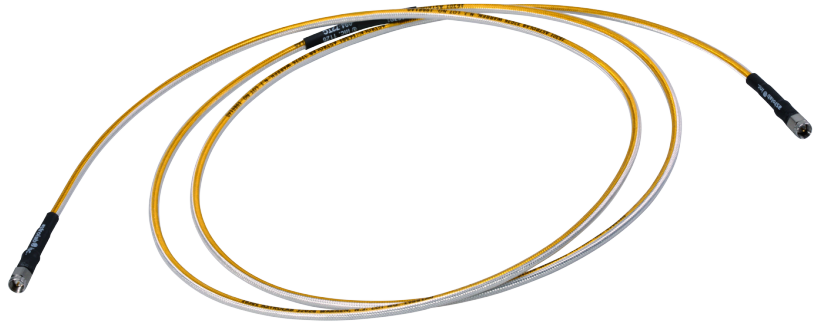


SUCOTEST™ - ST40/SKm/SKm/24inch/609.6 mm

ST40/SKm/SKm/24in

Properties

- Applicable up to 40 GHz
- Amplitude stability: < 0.1 dB at 26.5 GHz for 200 flexes 180° in one plane around a 2-inch radius, 0.2 dB with 600 flexes
- Five shields for superior RF shielding (-120 dB)
- Steel outer shield for increased pull strength

**Product configuration**

Type of cable	32026 (SUCOTEST 26)
Type description connector A	29094KHT-ST40
Series connector A	SK, straight - plug
Type description connector B	29094KHT-ST40
Series connector B	SK, straight - plug
Length	609.6 mm
Length	24 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	40 GHz
VSWR max	1.45
Propagation velocity	76.3 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	23.12 dB	1.15	0.45 dB
2 GHz ... 18 GHz	19.08 dB	1.25	1.38 dB
18 GHz ... 26 GHz	17.69 dB	1.3	1.72 dB
26 GHz ... 40 GHz	14.71 dB	1.45	2.2 dB

Mechanical data

Cable diameter	4.83 mm
Static bending radius	17.78 mm
Dynamic bending radius	53.35 mm

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Environmental data			
Operation temperature		-55 °C ... 125 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
80391545	RoHS 2011/65/EU and (EU) 2015/863	Compliant	
	REACH 1907/2006 Article 33 SVHC		
Ordering information			
Item number		Item description	
80391545		ST40/SKm/SKm/24inch	

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