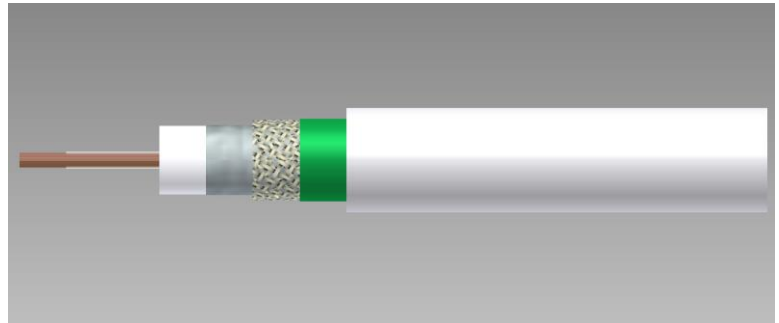




TFC Coaxial Cable Product Information Sheet

Type: T9SCTQP46T-V WHITE-/ DBS EUROCLASS Eca

Series 9 CATV / CAI Coaxial Cable
 Copper Conductor
 Foamed Polyethylene Dielectric
 Bonded APA Laminate Shield
 46% Tinned-Copper Braid
 APA Laminate Shield (QuickPrep)
 White PVC Jacket
 RoHS and WEEE Compliant
 Meets Class A+ Shielding, EN 50117 2-4
 Meets EuroClass Eca



Cable Ordering Information

Part Number	Description	NEC / CSA Listing
009H46V01WH499CU11RD	T9SCTQP46T-V WHITE-/ DBS EuroClass Eca	none

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper	0.0440	1.12
Dielectric	Foamed Polyethylene	0.189	4.80
1 st Outer Conductor	Sealed APA Tape	0.195	4.95
2 nd Outer Conductor	46% Tinned-Copper Braid	0.215	5.46
3 rd Outer Conductor	APA Tape (QuickPrep)	0.220	5.59
Floodant	---	---	---
Jacket	PVC, Outdoor Grade, White	0.280	7.11
Messenger	---	---	---

Mechanical Specifications

Minimum Bend Radius		1.25	31.75
Product Weight	(less reel)	30 lbs /kft	47 kg / km
Length		656 ft	200 m
Pull Force	SCTE	> 11 lbf < 18 lbf	> 50 N < 80 N
Tensile	SCTE	≥ 27 lbf	≥ 120 N
Temperature, Operating		-40 to 167 °F	-40 to +75 °C

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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 Revision: 1.10.2019
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Times Fiber Communications, Inc.
 358 Hall Avenue
 Wallingford, CT 06492
 Toll Free +1-800-677-2288
 Toll +1-434-432-1800
 Fax +1-434-432-1821
 www.timesfiber.com

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TFC Coaxial Cable Product Information Sheet

Type: T9SCTQP46T-V WHITE-/ DBS EUROCLASS Eca

Electrical Specifications

Impedance, Ω	75 \pm 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	5.47	18
Outer Conductor	9.13	30
Loop	14.6	48
Structural Return Loss, dB		
5-30 MHz	-27	
30-470 MHz	-27	
470-1000 MHz	-24	
1000-2000 MHz	-22	
2000-3000 MHz	-20	
RFI Shielding		
Meets Class A+ Shielding, EN 50117 2-4		
Transfer Impedance		
5-30 MHz	\leq 2.5 m Ω •m	
Screening Attenuation		
30-1000 MHz	\geq 95 dB	
1000-2000 MHz	\geq 85 dB	
2000-3000 MHz	\geq 75 dB	

Attenuation, Maximum @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.58	1.90
55	1.50	4.92
211	2.87	9.42
250	3.12	10.24
270	3.24	10.63
300	3.43	11.25
330	3.61	11.84
350	3.72	12.20
400	4.00	13.12
450	4.28	14.04
500	4.51	14.80
550	4.76	15.62
600	4.98	16.34
750	5.62	18.44
870	6.09	19.98
1000	6.54	21.46
1250	7.31	23.98
1350	7.60	24.93
1500	8.01	26.28
2000	9.25	30.35
2500	10.34	33.92
3000	11.33	37.17

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