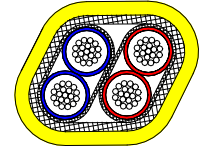
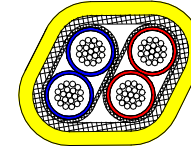
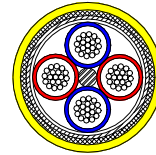
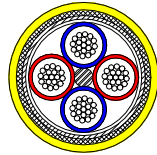
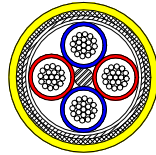


Tensolite

High-Performance Cable

NETflight™

Aerospace Grade 100BASE-T Ethernet Cables



P/N:	NF26Q100	NF24Q100	NF22Q100	NF24P100	NF22P100
Conductor AWG Size(19 Strand):	26	24	22	24	22
Conductor Material:	SCCA	SCCA	SCC	SCCA	SCC
Nom Conductor Diameter(in):	0.0189	0.0233	0.0295	0.0233	0.0295
Insulation Material:	PTFE	PTFE	PTFE	PTFE	PTFE
Nom Insulation Diameter(in):	0.038	0.045	0.055	0.063	0.070
Nom Cable Diameter(in):	0.137	0.160	0.190	0.175 x 0.270	0.195 x 0.290
Nom Cable Weight(lbs/1000 ft):	18.0	24.5	34.0	35.0	43.0
Impedance ± 10%(Ω):	100	100	100	100	100
Nom Capacitance(pF/ft):	13	13	13	13	13
Nom Velocity of Propagation:	79%	79%	79%	79%	79%
Nom/Max Attenuation(dB/100 ft):	<u>10 MHz</u> <u>100MHz</u> 2.8/3.2 9.6/11.0	<u>10 MHz</u> <u>100MHz</u> 2.3/2.7 8.0/9.2	<u>10 MHz</u> <u>100MHz</u> 1.8/2.2 6.4/7.3	<u>10 MHz</u> <u>100MHz</u> 1.8/2.1 6.0/7.1	<u>10 MHz</u> <u>100MHz</u> 1.6/2.0 5.6/6.7
Min NEXT(dB):	47 32	47 32	50 35	53 38	53 38
Min SRL(dB):	23 16	23 16	23 16	23 16	23 16
Cable Budget Length to meet CAT5 Requirements:	200 ft (60m)	240 ft (73m)	300 ft (91m)	310 ft (94m)	330 ft (100m)

Shielding consists of inner TCC flat braids and outer TCC round braids. The jackets are extruded FEP. The cables are rated for maximum service at 150°C (200°C rated cables available upon request).

SCC - Silver Coated Copper
SCCA - Silver Coated Copper Alloy
TCC - Tin Coated Copper

Flammability meets or exceeds FAR25.869 requirements.
Smoke and toxicity meet or exceed Boeing and Airbus requirements.

A **CARLISLE** Company