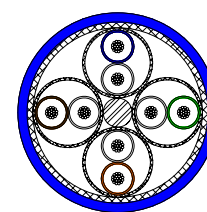
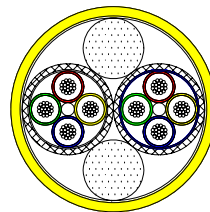
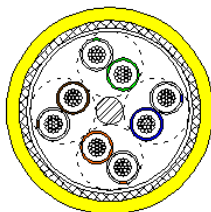


Aerospace Grade 1000BASE-T Gigabit Ethernet Cables



Construction	Unshielded Pairs		Shielded Dual Quads		Individually Shielded Pairs	
P/N	NF26GB100	NF24GB100	NF26-2Q100	NF24-2Q100	NF26-P4-100	NF24-P4-100
Conductor AWG Size(19 Strand)	26	24	26	24	26	24
Conductor Material	SCCA	SCCA	SCCA	SCCA	SCCA	SCCA
Nom Conductor Diameter(in)	0.0189	0.0233	0.0189	0.0233	0.0189	0.0233
Insulation Material	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Nom Insulation Diameter(in)	0.038	0.045	0.038	0.045	0.048	0.063
Pair #1	White-Blue	White-Blue	Red-Blue (White)	Red-Blue (White)	White-Blue	White-Blue
Pair #2	White-Green	White-Green	Yellow-Green (White)	Yellow-Green (White)	White-Green	White-Green
Pair #3	White-Orange	White-Orange	Red-Blue (Blue)	Red-Blue (Blue)	White-Orange	White-Orange
Pair #4	White-Brown	White-Brown	Yellow-Green (Blue)	Yellow-Green (Blue)	White-Brown	White-Brown
Nom Cable Diameter(in)	0.205	0.245	0.265	0.305	0.250	0.340
Nom Cable Weight(lbs/1000ft)	32.0	41.0	45.0	58.0	61.0	83.0
Impedance ± 10%(Ω)	100	100	100	100	100	100
Nom Capacitance(pF/ft)	13	13	13	13	13	13
Nom Velocity of Propagation	80%	80%	80%	80%	80%	80%
Nom Attenuation(dB/100ft)	<u>10MHz</u> <u>100MHz</u> 2.5 9.3	<u>10MHz</u> <u>100MHz</u> 2.3 8.0	<u>10MHz</u> <u>100MHz</u> 2.5 9.3	<u>10MHz</u> <u>100MHz</u> 2.3 8.0	<u>10MHz</u> <u>100MHz</u> 2.3 8.0	<u>10MHz</u> <u>100MHz</u> 1.8 6.0
Cable Budget Length Gigabit Ethernet	200ft (61m)	240ft (73m)	200ft (61m)	240ft (73m)	240ft (73m)	310ft (94m)

Shielding consists of TCC braids. The jackets are extruded FEP. The cables are rated for maximum service at 150°C. Flammability meets or exceeds FAR25.869 requirements. Smoke and toxicity meet or exceed Boeing and Airbus requirements.

SCCA – Silver Coated Copper Alloy

TCC – Tin Coated Copper

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