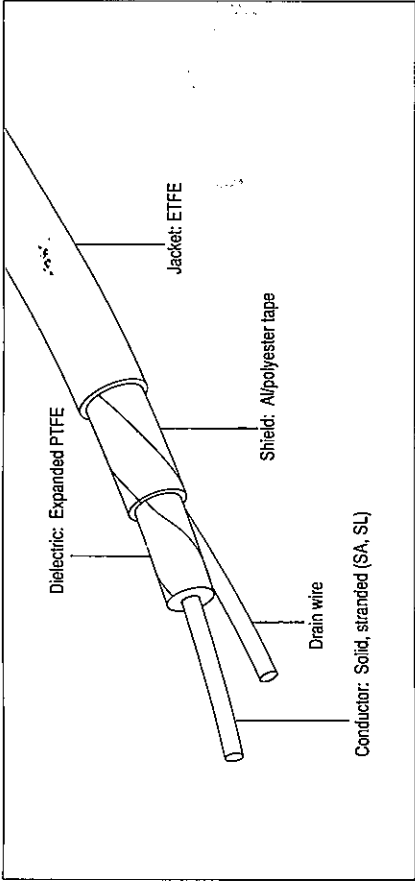


JUNFLON High Speed Cable

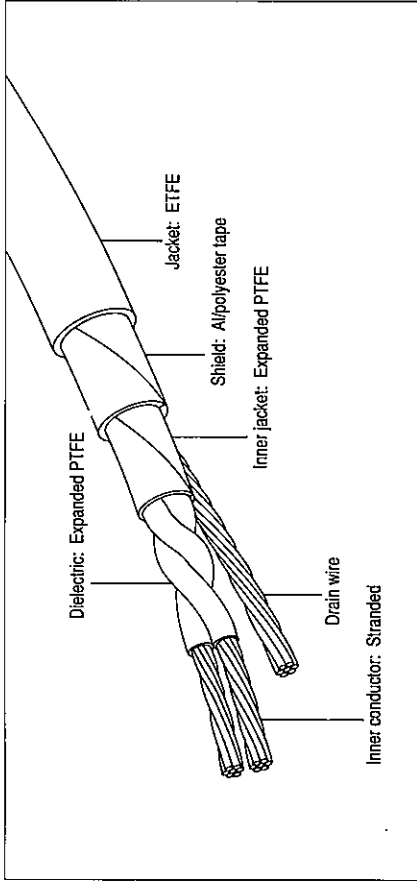
Conductor: Silver-plated annealed-copper or silver-plated high-strength copper alloy
Dielectric: Expanded PTFE
Shield: Aluminized polyester film (with drain wire)
Jacket: ETFE
Color: On jacket (see product listings)



Catalog No.	Characteristic Impedance	Conductor		Dielectric		Outer conductor		Jacket		Signal propagation time (ns/m, typ)	Propagation velocity ×10 ⁸ m/s	Shortening coefficient of wavelength %
		Material	Construction Strands/dia. mm	Material	OD mm	Material	OD mm	Material	Color			
DGS05A012	50	SL	1/0.254	PTFE	0.254	Al/polyester	0.97	ETFE	Grey	3.8	2.63	88
DGS05A112	50	SA	7/0.127	PTFE	0.381	Al/polyester	1.26	ETFE	Grey	3.8	2.63	88
DGS05A122	50	SA	19/0.127	PTFE	0.635	Al/polyester	2.22	ETFE	Grey	3.8	2.63	88
DGS07A012	75	SL	1/0.203	PTFE	0.203	Al/polyester	1.08	ETFE	Black	3.8	2.63	88
DGS07A022	75	SL	1/0.254	PTFE	0.254	Al/polyester	1.33	ETFE	Black	3.8	2.63	88
DGS07A122	75	SA	7/0.127	PTFE	0.381	Al/polyester	1.96	ETFE	Black	3.8	2.63	88
DGS09A012	95	SL	1/0.160	PTFE	0.16	Al/polyester	1.24	ETFE	Blue	3.8	2.63	88
DGS09A022	95	SL	1/0.203	PTFE	0.203	Al/polyester	1.58	ETFE	Blue	3.8	2.63	88
DGS09A032	95	SL	1/0.254	PTFE	0.254	Al/polyester	1.93	ETFE	Blue	3.8	2.63	88

JUNFLON High-Speed Twisted Pair Cable

Conductor: Silver-plated annealed copper
Dielectric: Expanded PTFE. Cores are individually covered, and then the pair is covered.
Shield: Aluminized polyester film (with drain wire)
Jacket: ETFE
Color: On jacket (see product listings)



Catalog No.	Characteristic Impedance	Conductor		Dielectric		Cabling		Inner Jacket		Outer conductor		Jacket		Shortening coefficient of wavelength %
		Material	Construction Strands/dia. mm	Material	OD mm	OD mm	OD mm	Material	OD mm	Material	OD mm	Material	Color	
DGB13A012	130	SA	7/0.102	Expanded PTFE	0.306	1.90	1.10	Expanded PTFE	2.10	Al/polyester (with drain)	2.49	ETFE	Green	2.89

Capacitance	Typ. pF/m	Attenuation Typ. at 100MHz (dB/km)	Conductor resistance 20°C max. Ω/km	Test voltage V AC rms. 1 min.	Insulation resistance min. mΩ·km
80	550	442	500	500	1000
80	410	210	500	500	1000
80	330	78.1	500	500	1000
53	370	692	500	500	1000
53	300	442	500	500	1000
53	250	210	500	500	1000
42	310	1110	500	500	1000
42	230	692	500	500	1000
42	250	442	500	500	1000

Signal propagation time (ns/m, typ)	Propagation velocity ×10 ⁸ m/s	Shortening coefficient of wavelength %	Capacitance Typ. pF/m	Attenuation Typ. at 100MHz (dB/km)	Conductor resistance 20°C max. Ω/km	Test voltage VAC rms. 1 min.	Insulation resistance min. mΩ·km
3.95	2.53	84	30	340	337	500	1000