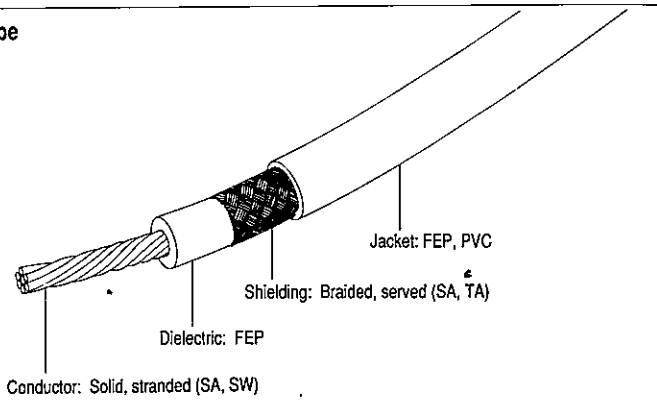
JUNFLON High-Frequency Coaxial Cable

DFS Series (FEP Dielectric)

Conductor: Silver-plated annealed copper or silver-plated copper-clad steel
Dielectric: FEP
Shield: Braided or served silver-plated annealed copper or tin-plated annealed copper yielding better than 90% coverage
Jacket: FEP or PVC
Color: Several colors available (see product listings)
Temperature ratings: 200°C for FEP, 105°C for PVC, 200°C for silver plate, 150°C for tin plate
Bondability: Bonding to the FEP jacket requires pretreatment by Junkosha Tetra-Etch (page 142).

Single Shield Type



Single Shield Type

Catalog No.	Characteristic impedance Ω	Conductor			Dielectric			Outer conductor			Jacket				Signal propagation time (ns/m, typ)
		Material	Construction Strands/dia. mm	OD mm	Material	Color	OD mm	Material	Construction carr/ends/mm	Coverage min. %	Material	Color	Thickness mm	Overall dia. mm	
DFS010	20±5	SA	7/0.26	0.78	FEP	Red	1.08	SA	*32/0.10	90	FEP	Green	0.15	1.58	4.7
DFS014	25±5	SA	19/0.203	1.02	FEP	Natural	1.62	SA	16/4/0.12	90	FEP	Red	0.30	2.82	4.7
DFS017	25±5	SA	19/0.29	1.45	FEP	Natural	2.30	SA	16/5/0.12	90	FEP	Blue	0.25	3.40	4.7
DFS020	50±5	SW	7/0.10	0.30	FEP	Natural	0.80	SA	*25/0.10	90	FEP	Gray	0.10	1.20	4.7
DFS024	50±3	SA	1/0.32	0.32	FEP	Natural	0.90	SA	16/3/0.10	90	FEP	Gray	0.25	1.90	4.7
DFS025	50±5	SW	7/0.10	0.30	FEP	Natural	0.84	SA	16/3/0.08	90	FEP	Gray	0.10	1.44	4.7
DFS027	50±5	SA	19/0.08	0.40	FEP	Natural	1.15	SA	*35/0.10	90	FEP	Gray	0.15	1.65	4.7
DFS030	50±2	SA	7/0.18	0.54	FEP	Natural	1.45	SA	16/4/0.12	90	FEP	Gray	0.20	2.45	4.7
DFS031	50±2	SA	7/0.18	0.54	FEP	Natural	1.45	SA	16/4/0.12	90	FEP	Gray	0.30	2.65	4.7
DFS040	50±2	SA	7/0.32	0.96	FEP	Natural	2.65	SA	16/5/0.12	90	FEP	Gray	0.25	3.95	4.7
DFS050	75±5	SW	7/0.10	0.30	FEP	Natural	1.50	SA	*35/0.14	90	FEP	Black	0.20	2.18	4.7
DFS055	75±5	SW	7/0.10	0.30	FEP	Natural	1.59	SA	16/5/0.10	90	FEP	Black	0.20	2.49	4.7
DFS060	75±3	SW	1/0.26	0.26	FEP	Natural	1.35	SA	16/4/0.10	90	FEP	Black	0.20	2.25	4.7
DFS061	75±3	SW	1/0.26	0.26	FEP	Natural	1.35	SA	16/4/0.10	90	FEP	Black	0.30	2.45	4.7
DFS070	75±3	SA	1/0.50	0.50	FEP	Natural	2.65	SA	16/5/0.16	90	FEP	Black	0.25	3.95	4.7
DFS080	75±3	SA	1/0.20	0.60	FEP	Natural	3.10	SA	24/4/0.14	90	FEP	Black	0.25	4.30	4.7

* Items marked with * are served shielded (ends/mm)
Numbers in bold are standard items.

Double Shield Type

Catalog No.	Characteristic impedance Ω	Conductor			Dielectric			Outer conductor					Jacket			
									Inner shield		Outer shield					
		Material	Construction Strands/dia. mm	OD mm	Material	Color	OD mm	Material	Construction carr/ends/mm	Coverage min.	Construction carr/ends/mm	Coverage min.	Material	Color	Thickness mm	Overall dia. mm
DFS025W	50±5	SW	7/0.10	0.30	FEP	Natural	0.84	SA	16/3/0.08	90	16/4/0.08	90	FEP	Gray	0.10	1.84
DFS030W	50±2	SA	7/0.18	0.54	FEP	Natural	1.54	SA	16/4/0.10	90	16/6/0.10	90	FEP	Gray	0.20	2.94
DFS040W	50±2	SA	7/0.32	0.96	FEP	Natural	2.82	SA	16/6/0.12	90	16/7/0.12	90	FEP	Gray	0.25	4.52
DFS055W	75±5	SW	7/0.10	0.30	FEP	Natural	1.59	SA	16/5/0.10	90	16/6/0.10	90	FEP	Black	0.20	2.99
DFS060W	75±3	SW	1/0.26	0.26	FEP	Natural	1.41	SA	16/4/0.10	90	16/5/0.10	90	FEP	Black	0.20	2.81
DFS070W	75±3	SA	1/0.50	0.50	FEP	Natural	2.83	SA	16/7/0.12	90	16/7/0.12	90	FEP	Black	0.25	4.53
DFS080W	75±3	SA	7/0.20	0.60	FEP	Natural	3.20	SA	16/6/0.14	90	16/7/0.14	90	FEP	Black	0.25	5.10

* Items marked with * are served shielded (ends/mm)

Shipping unit:
Reel (100m/reel), except DFS080W which is in bundle (100m/bundle). Factory standards specify a maximum of two cuts per 100m length, with no cable segment shorter than 20m.