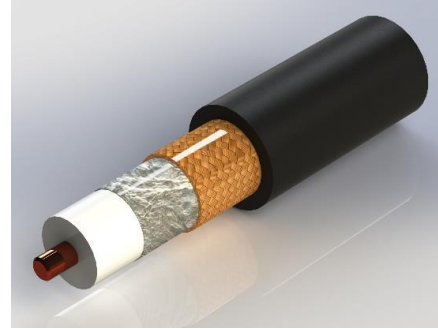


Part Number: 3825
Description: DBF-400 - Low Loss High Flex 400

Application: RF Communications
Approvals/Ratings: n/a

Construction & Specifications

Conductor: 0.118"
Stranding: 19/0.0234"
of Conductors: 1
Dielectric: Foam Polyethylene
Dielectric Diameter: 0.285"
Braid: Tinned Copper
Shield: Bonded Aluminum Mylar
Ripcord: n/a
Jacket: Polyethylene
Overall Diameter: 0.405"



Electrical & Environmental & Physical Properties



Bend Radius: 1.0 in.
Velocity of Propagation: 84 %
Impedance: 50 Ω
Capacitance: 23.9 pF/ft
Inductance: 0.060 uH/ft
Shielding Effectiveness: > 90 %
Max DC Resistance @ 20°C: 1.07 Ω/1000ft

Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
Attenuation dB/100ft	0.8	1.1	1.8	2.2	3.3	4.7	6.2	6.8	7.2	8.1	13
Attenuation dB/100m	2.6	3.6	5.9	7.2	10.8	15.4	20.3	22.3	23.6	26.6	42.7
Avg. Power kW	2.77	2.14	1.22	1.00	0.69	0.48	0.36	0.33	0.31	0.28	0.17

Miscellaneous Information

Insulation Color*: Clear White
Jacket Color*: Black
Print*: JSC WIRE AND CABLE #3825 DB Flex 400 RoHS Proudly Made in the USA <seq. ft>
Weight: ≈ 104 Lbs/1000 feet
Put Up Length*: 500 feet, 1000 feet
Put Up Type*: Plastic Spools; Wood Spools
Packaging Type*: Corrugated Boxes; Domestic Wood Pallets

*Items can be customized. The customer accepts all factory lengths and +/- 10 percent of total order required.

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