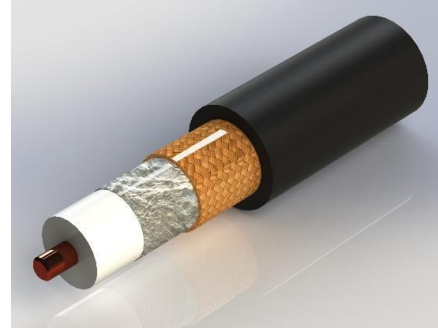


**Part Number:** 3815  
**Description:** RG- 8/U LMR 400

**Application:** LMR 400 Indoor/Outdoor  
**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:** PVC  
**Overall Diameter:** 0.405"



## Electrical & Environmental & Physical Properties



**Bend Radius:** 1.0 in.  
**Velocity of Propagation:** 78 %  
**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 #3815 High Flex Communication Cable (LMR-400 Type) 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.

## Disclaimer

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