

## 7815P Composite - HD Camera Electrical Cable



For more Information  
please call

1-800-Belden1

**General Description:**

2 Conductor 16AWG and 2 Conductor 22AWG, Plenum

**Usage (Overall)**

Suitable Applications: HD Camera Electrical Cable

**Multi Conductor****Physical Characteristics****Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	19x29	TC - Tinned Copper
2	22	7x30	TC - Tinned Copper

**Insulation**

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)	AWG
Flamarrest(R)	LS PVC - Low Smoke Polyvinyl Chloride	0.011	22
Flamarrest(R)	LS PVC - Low Smoke Polyvinyl Chloride	0.010	16

Insulation Color Code Chart:

Number	Color	Description
1	Red	22 AWG
2	Gray	22 AWG
3	Black	16 AWG
4	White	16 AWG

**Individual Shield****Electrical Characteristics**

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
22 AWG	17.500
16 AWG	4.500

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.800

**Physical Characteristics (Overall)****Conductor****Outer Shield**

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	95.000

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest(R)	LS PVC - Low Smoke Polyvinyl Chloride	0.016

**Overall Cable**

Overall Nominal Diameter: 0.212 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	45 lbs/1000 ft.
Max. Recommended Pulling Tension:	147 lbs.
Min. Bend Radius/Minor Axis:	2.250 in.

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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flame Test

UL Flame Test:	NFPA 262
CSA Flame Test:	FT6

## Suitability

Suitability - Indoor:	Yes
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	7815R

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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