



**Product:** [UTG10RVFU](#)

UTG 10 REVConnect FlexPlug, UTP, Single Pack

## Product Description

UTG 10 REVConnect FlexPlug, UTP, Single Pack

## Technical Specifications

### Product Overview

Suitable Applications:	UTG 10, 1GBASE-T
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
23	Solid	BC - Bare Copper	4

#### Insulation

Material
PO - Polyolefin

#### Outer Jacket

Material
PVC - Polyvinyl Chloride

Overall Nominal Diameter:	0.23 in.
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.
Weight:	0.060 lbs

### Connectors

#### Materials

Description	Material	Type
Cable End 1, Plug	Polycarbonate	RJ45
Cable End 1, Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	RJ45 Blades
Cable End 2, Connection	50uin Gold plated contacts	REVConnect

### Electrical Characteristics

Dielectric Strength:	1,000 V RMS @ 60 Hz
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm

#### High Frequency

Frequency [MHz]	Min. NEXT [dB]	Min. RL (Return Loss) [dB]
1 MHz	65 dB	19.8 dB
4 MHz	65 dB	21.6 dB
8 MHz	65 dB	22.5 dB
10 MHz	65 dB	22.8 dB

16 MHz	62.6 dB	23.4 dB
20 MHz	60.7 dB	23.7 dB
25 MHz	58.8 dB	24 dB
31.25 MHz	56.9 dB	23 dB
62.5 MHz	51 dB	20 dB
100 MHz	47 dB	18 dB
200 MHz	41.1 dB	15 dB
250 MHz	39.3 dB	14 dB
300 MHz	37 dB	12.8 dB
400 MHz	33.6 dB	10.9 dB
500 MHz	31 dB	9.5 dB
625 MHz	28.3 dB	8 dB

## Temperature Range

Installation Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-10°C To +60°C

## Mechanical Characteristics

Min Bend Radius (Overall Cable):	1.040 in.
Plug /Jack Compatibility:	RJ45, REVConnect Core

## Termination Interface

Termination	Connection	Durabilities
Cable End 1 - RJ45	Mated Connection	750 Cycles
Cable End 2 - RevConnect	Mated Connection	20 Cycles

## Standards

UL Rating:	UL94 V-0, UL1863, UL2043
IEEE Compliance:	Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W)
Other Standards:	IEC 60603-7, FCC Part 68, Subpart F
Third Party Performance Verification:	UTG Framework 1.0

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

Safety Listing:	c(UL)us Listed
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## History

Update and Revision:	Revision Number: 0.8 Revision Date: 07-10-2019
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