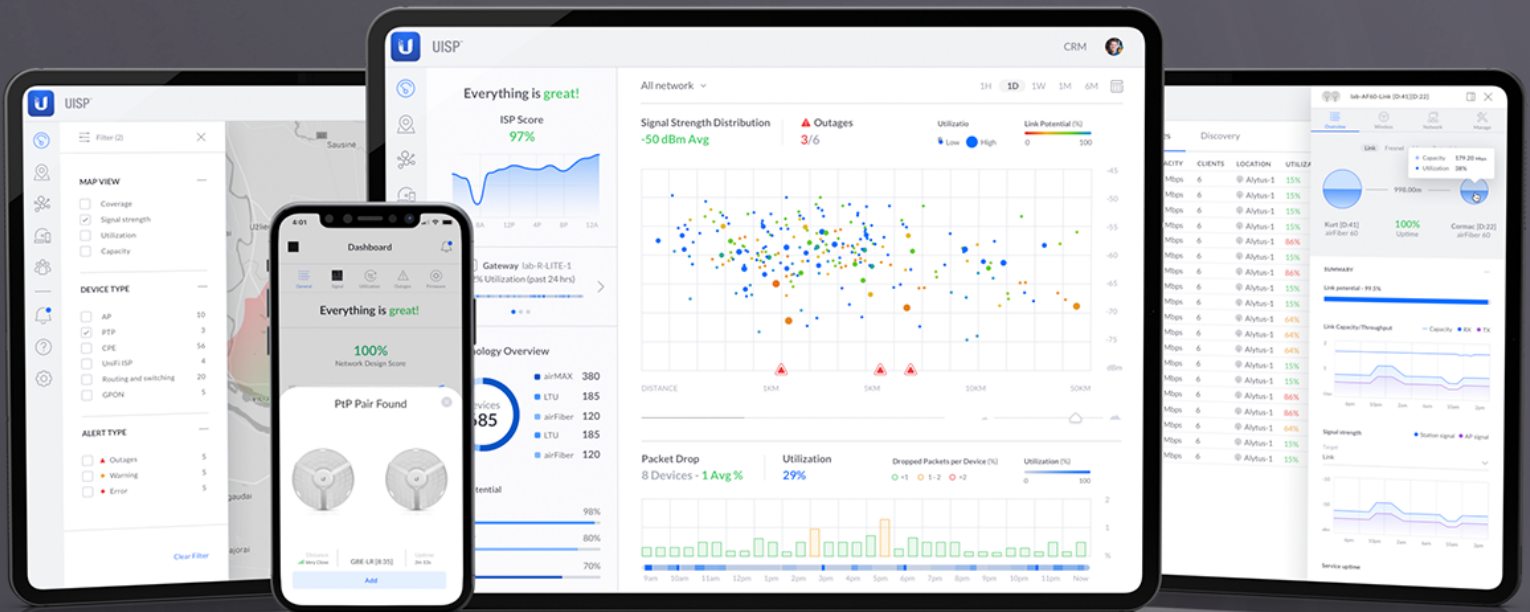


UISP Cable

Datasheet
UISP-Cable-Pro/Carrier



UISP Cable Pro/Carrier

Protect your networks from harmful outdoor environments with Ubiquiti's industrial-grade shielded Ethernet cable, UISP Cable.

A Category 5e, outdoor, carrier-class shielded cable features an integrated ESD drain wire.



Specifications

Box Dimensions	UISP-Cable-Pro: 330 x 330 x 340 mm (13 x 13 x 13.4") UISP-Cable-Carrier: 330 x 425 x 340 mm (13 x 16.7 x 13.4")
Box Weight	UISP-Cable-Pro: 12 kg (26.5 lb) UISP-Cable-Carrier: 16 kg (35.3 lb)
Cable Length	305 m (1000 ft)
Cable Color	Black
Cable Type	CAT5e, Shielded
Ethernet Support	Up to 1 Gbps
Conductor Wire Gauge	24 AWG
Conductor	Solid Bare Copper
Conductor Type	Solid Bare Copper
Conductor Diameter	0.500 ± 0.005 mm
Insulation Type	Solid Polyethylene
Insulation Thickness	UISP-Cable-Pro: Avg. 0.26 mm (Min. 0.25 mm) UISP-Cable-Carrier: Avg. 0.295 mm (Min. 0.29 mm)
Insulation Diameter	UISP-Cable-Pro: 1.04 ± 0.03 mm UISP-Cable-Carrier: 1.16 ± 0.02 mm
Separation (Polyester Wrapping)	Thick: 0.025 mm, Extent: 20 mm
Anti-Crosstalk Divider	UISP-Cable-Pro: None UISP-Cable-Carrier: LDPE: 4.2*0.3 mm
Cable Shield (Aluminum Foil)	UISP-Cable-Pro: Thick: 0.060 mm, Extent: 18 mm UISP-Cable-Carrier: Thick: 0.060 mm, Extent: 20 mm
ESD Drain Wire	UISP-Cable-Pro: 0.4 CCS UISP-Cable-Carrier: 0.4 TC
Rip Cord	Yes
Jacket Material	Polyethylene
Jacket Thickness	UISP-Cable-Pro: Avg. 0.50 mm (Min. 0.46 mm) UISP-Cable-Carrier: Avg. 0.52 mm (Min. 0.46 mm)
Jacket Diameter	UISP-Cable-Pro: 6.0 ± 0.30 mm UISP-Cable-Carrier: 6.8 ± 0.30 mm
Storage Temperature	-30 to 75°C (-22 to 167°F)
Installation Temperature	-20 to 60°C (-4 to 140°F)
Operation Temperature	-40 to 80°C (-40 to 176°F)
Standards	ANSI/TIA-568-C.2 (2009) ISO/IEC 11801 (Edition 2.2)

Performance



UISP Cable Pro

Frequency (MHz)	RL (dB) min.	Attenuation (dB/100 m)	NEXT/PSNEXT (dB)	ACR (dB)	ELFEXT/PSELFEXT (dB/100 m)
1	17.0	2.03	62.30	6.30	60.75
4	18.8	4.04	53.26	49.20	48.71
8	19.7	5.76	48.75	43.00	42.69
10	20.0	6.46	47.30	40.80	40.75
16	20.0	8.24	44.30	36.10	36.67
20	20.0	9.26	42.78	33.50	34.73
25	19.3	10.41	41.33	30.90	32.79
31.25	18.6	11.72	39.87	28.20	30.86
62.5	16.5	16.99	35.36	18.40	24.83
100	15.1	21.97	32.29	10.30	20.75
150	13.80	23.40	18.60/30.30	8.30	17.60/18.50

UISP Cable Carrier

Frequency (MHz)	RL (dB) min.	Attenuation (dB/100 m)	NEXT/PSNEXT (dB)	ACR (dB)	ELFEXT/PSELFEXT (dB/100 m)
1	18.0	1.93	65.30	60.30	61.00
4	19.9	3.90	56.27	49.20	48.96
8	20.7	5.50	51.75	43.00	42.94
10	21.0	6.30	50.30	40.80	41.00
16	21.0	8.00	47.24	36.10	36.92
20	21.0	9.00	45.78	33.50	34.98
25	20.3	10.20	44.33	30.90	33.04
31.25	19.5	11.50	42.88	28.20	31.10
62.5	19.0	16.70	38.36	18.40	25.08
100	18.3	21.70	35.30	10.30	21.00
200	16.5	32.20	30.78/27.78	7.60	17.78/14.98



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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