PRX656

Cable reel - networking cable - CAT6A - S/FTP - etherCON - HighFlex™

Highlights:

- 24 AWG thin and dense stranded conductors
- Double shielding (Al-foil + Braiding)
- Highflex™ solid & flexible jacket
- 8.7 mm (Ø) outer diameter
- Polycarbonate (PC) frame
- Unbreakable, impact resistant polyethylene (PE) drum
- Lightweight (1.8 kg)







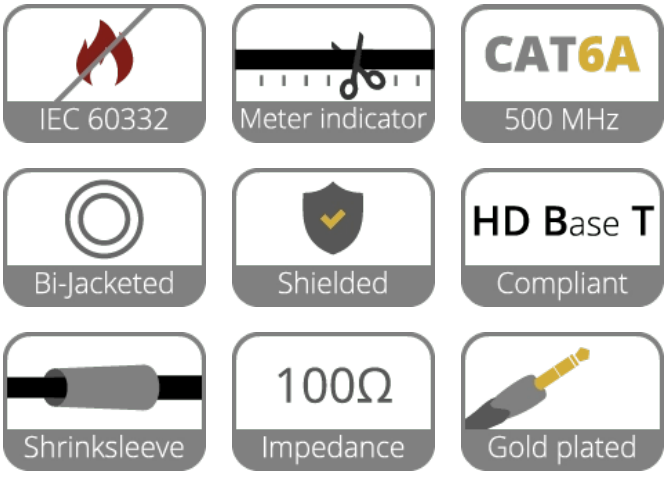
Product information:

The PRX656 is a HighFlex CAT6A S/FTP cable (BCT65S) assembled on a lightweight, extremely strong and impact resistant reel (CDM310). Both ends are terminated by Neutrik Ethercon connectors, allowing direct connection from transmitting to receiving end without any additional connections or patch cords. A connection tail of 5 meters (included in total reel length) is wounded to the front side cable winder. The conductor section of the BCT65S consists of 4 pairs with solid 24 AWG conductors which are individually shielded by an aluminum foil while the entire section is surrounded by an overall braiding. Due to the double shielding, better performance in terms of crosstalk and system noise is achieved resulting in a higher bandwidth and improved immunity against noise and interference caused by external devices. The combination with hard and solid inner jacket materials and soft outer jacket materials provides great flexibility with a solid touch. Even after numerous times of winding and unwinding. Supports 10Base-T, 100Base-TX, 1000Base-T and 10GBase-T gigabit.

Components:

- CableType: BCT65S - Networking cable - CAT6A - S/FTP - flex 0.22 mm² - 24 AWG HighFlex™
- Reel: CDM310 - Professional plastic cable reel Ø 312 mm
- Connector: NE8MX-TOP-D - Ethercon RJ45 cable connector carrier - Disassembled

Properties:



We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Product Features:

Application	Rental & MI
Series	Prime Series

Variants:

- PRX656/50 - 50 meter
- PRX656/70 - 70 meter
- PRX656/90 - 90 meter

Additional specifications:

Frequency (MHz)	Characteristic Impedance Upper limit - Zu (Ω)	Characteristic Impedance Lower limit - Zl (Ω)	ATT (dB/100m)	RL (dB Min)	NEXT (dB Min)	PS NEXT (dB Min)	ELFEXT (ACR-F) (dB Min)	PS ELFEXT (PS ACR-F) (dB Min)	PD (ns/100m Max)
4	115.2	86.8	4.6	23.0	66.3	63.3	56.0	53.0	552.0
8	112.6	88.8	6.4	24.5	61.8	58.8	49.9	46.9	546.7
10	111.9	89.4	7.1	25.0	60.3	57.3	48.0	45.0	545.4
16	111.9	89.4	9.0	25.0	57.2	54.2	43.9	40.9	543.0
20	111.9	89.4	10.1	25.0	55.8	52.8	42.0	39.0	542.0
25	113.2	88.3	11.3	24.2	54.3	51.3	40.0	37.0	541.2
31.25	114.6	87.2	12.6	23.3	52.9	49.9	38.1	35.1	540.4
62.5	120.2	83.2	18.0	20.7	48.4	45.4	32.1	29.1	538.6
100	125.3	79.8	23.0	19.0	45.3	42.3	28.0	25.0	537.6
200	135.7	73.7	33.1	16.4	40.8	37.8	22.0	19.0	536.5
250	140.0	71.4	37.3	15.6	39.3	36.3	20.0	17.0	536.3
300	139.8	71.5	41.1	15.6	38.1	35.1	18.5	15.5	536.1
400	139.8	71.5	48.1	15.6	36.3	33.3	16.0	13.0	535.8
500	139.8	71.5	54.3	15.6	34.8	31.8	14.0	11.0	535.6

Above indicated values are measured by BCT65S cable according to the ANSI/TIA-568-C.2 (100 meter) specification

For measurement reports on other specific lengths (50, 70 and 90 meters) refer to the LinkWare test reports available on www.procab.be

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