

Category 6A S/FTP cable

High performance Category 6A S-FTP cable perfectly matched to OCULA's copper network components. Supplied on a 305m Drum as standard but also available on 500m drums upon request.



KEY FEATURES

- Standards Compliant AS/NZS 11801:2019
- Standards Compliant ISO/IEC 11801:2017
- Standards Compliant TIA-568.2-D

APPLICATIONS

- Data Centres
- Generic cabling systems
- 10G Networks

Construction

CONDUCTOR	23AWG annealed bare Copper
INSULATION	Foam Polyethylene
SCREEN	Individually Aluminium poly laminate Screened pairs and overall tinned copper wire Braided cable, 20% braiding
OUTER JACKET	LSZH Compound
OVERALL DIAMETER (NOMINAL IN MM)	7.0 ± 0.5 mm
RIPCORD	Cable is supplied without a ripcord unless specified by the customer

Mechanical and Electrical Characteristics

MAXIMUM PULLING FORCE	100N
MAXIMUM BEND RADIUS	8 x OD
NOMINAL WEIGHT	60 kg/km
OPERATING TEMPERATURE	-20 to +60°C
INSTALLATION TEMPERATURE	0 to +50°C
POE PERFORMANCE	PoE ++ Type 4

Electrical Performance

FREQUENCY(MHZ)	1	4	10	16	20	31.25	62.5	100	200	250	400	500
ATTENUATION DB/100M	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	40.1	45.3
RETURN LOSS DB	20	23	25	25	25	23.6	21.5	20.1	18.0	17.3	15.9	15.2
NEXT DB	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	35.3	33.8
PSNEXT DB	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	33.3	31.8
ACR-F DB	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	15.8	13.8
PS ACR-F DB	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	12.8	10.8
DELAY NS/100M	570	552	545	543	542	540	539	538	537	536	536	536
SKEW NS/100M	≤45											

Ordering Information

PART NUMBER	DESCRIPTION	SALES UNIT
C6ASFTPS305BU	Category 6A S-FTP Cable, 4Pair LSZH	305m Reel (500m upon request)