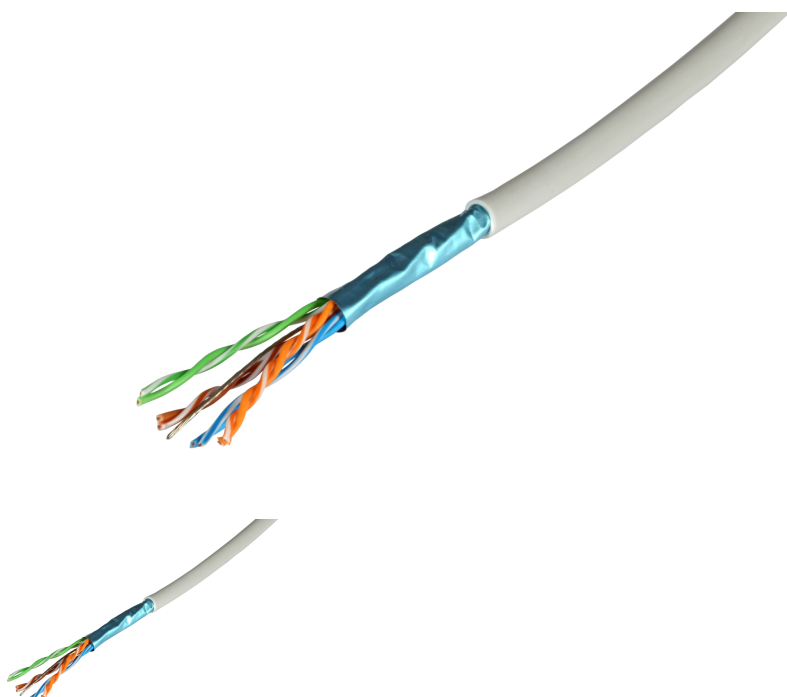


DATASHEET

Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, grey



General data

DRAKA Patch cable UC300 S26. Electrically and mechanically high-quality 300 MHz patch cable. Especially for application of class D.

Technical properties

AWG-size	26/7
Bending radius (dynamic)	40 mm
Bending radius (static)	20 mm
Cable	EN 50288-2
Cable structure	F/UTP
Cable type	Draka UC300 S26
Cabling standards	EN 50173-1
Category	5e
Characteristic impedance	100 ± 15 Ohm
Conductor category	Class 2 = stranded
Conductor material	Cu, tinned
Core identification	colour
Core insulation	PE
Coupling attenuation	55 dB

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DATASHEET

Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, grey

Delay skew	20 ns/100m
Diameter conductor	0.48 mm
Flame retardant	According to IEC/EN 60332-1-2
Halogen free (acc. EN 50267-2-2)	True
Installation standard	EN 50174
Insulation resistance (500V)	≥ 2000 MOhm/km
Jacket material	FRNC-B
Loop resistance	260 Ohm/km
Low smoke (acc. EN 61034-2)	False
Max. frequency	300 MHz
NVP value	67 %
Operating temperature, fix	-20 – 60 °C
Operating temperature, flexible	0 – 50 °C
PoE	acc. to IEEE802.3at PoE+
Resistance unbalance	3 %
Screen over stranding	foil
Screen over stranding element	None
Stranding element	Pairs
Test voltage DC, 1 min	1000 V
Transfer impedance at 10MHz	100 mOhm/m
Transfer impedance at 1MHz	50 mOhm/m
Transfer impedance at 30MHz	200 mOhm/m
UV resistant	no

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	Type	Copper weight	Weight	Max. tractive force	Outer diameter approx.	Fire load
99158.1000	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, grey	grey	1000.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99153.1000	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, green	green	1000.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km

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DATASHEET

Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, grey

99154.1000	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, blue	blue	1000.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99155.1000	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, yellow	yellow	1000.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99156.1000	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, red	red	1000.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99157.1000	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, black	black	1000.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99153.1	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, green	green	1.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99154.1	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, blue	blue	1.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99155.1	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, yellow	yellow	1.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99157.1	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, black,100m	black	1.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99157.100	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, black,100m	black	100.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99158.1	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, grey	grey	1.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km
99158.100	Patch C. Cat.5E Draka F/UTP AWG26, 300MHz, grey,100m	grey	100.0 m	8	simplex	12 kg/km	26 kg/km	55 N	5.0 mm	354 MJ/km

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