



586844



586845 / 586846

GENERAL SPESIFICATIONS

Art.nr	586844	586845	586846
Cable Type	LMR 400		
Length (m)	15m	20m	25m
Connectors	SMA-Male to N-Male	N-Male to N-Male	
Attenuation dB @ 900MHz	1.92	2.56	3.20
Attenuation dB @1800MHz	2.76	3.68	4.60
Attenuation dB @ 2500MHz	3.30	4.40	5.50
Wall Penetration Required	Ø 10mm	Ø 20mm	
Outer Jacket	Low Smoke Zero Halogen		

CONSTRUCTION MATERIALS

Impedance	50Ω
Product Type	Braided coaxial cable
Jacket Color	Black
Jacket Material	PE
Dielectric Material	Foam PE
Inner Conductor Material	Copper

DIMMENSIONS

Cable weight (kg)	~2.3 / ~2.8 / ~3.5
Diameter Over Dielectric	7.24mm
Diameter Over Jacket	10.29mm
Inner Conductor OD	2.74mm
Outer Conductor OD	8.08mm

ELECTRICAL

Cable Impedance	50Ω
Capacitance	78.0 pF/m
Dc resistance, Inner Conductor	2.94Ω/km
Dc resistance, Outer Conductor	5.610 Ω /km
Dc Test Voltage	3000V
Jacket Spark Test Voltage (rms)	8000V
Maximum Frequency	16.20GHz
Operating Freq. range	30 – 6000MHz
Peak Power	16.0 kW
Shielding Effectiveness, min	90dB

ENVIRONMENTAL

Installation Temperature	-40 °C to +85 °C
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-70 °C to +85 °C

MECHANICAL

Bending Moment	0.7 N-m
Flat Plate Crush Strength	0.7kg/mm
Min Bend Radius, Single bend	25.4mm
Tensile Strength	73kg

ELECTRICAL PERFORMANCE

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30 MHz	2.49	0.76
50 MHz	3.18	0.97
150 MHz	4.92	1.50
220 MHz	6.23	1.90
450 MHz	8.86	2.70
900 MHz	12.80	3.90
1500 MHz	16.70	5.10
1800 MHz	18.40	5.60
2000 MHz	19.40	5.90
2400 MHz	21.65	6.60

2500 MHz	22.00	6.70
3000 MHz	24.60	7.50
4000 MHz	28.87	8.80
4500 MHz	30.84	9.40
5000 MHz	32.81	10.00
5200 MHz	33.46	10.20
5500 MHz	34.78	10.60
5800 MHz	35.76	10.90
6000 MHz	36.42	11.10

REGULATORY COMPLICANCE	
Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
China RoHS SJ/T 11364-2014	Below Maximum Concentration Value (MCV)

