



M&P

P500A-SC100

JACKET:
UV shielded white
polyethylene
overall Ø 5,2mm ± 0,2

FOIL:
100% SCREENING
First screen made of
aluminium - polyester - aluminium

BRAID:
84% SCREENING
64 wires of aluminium

DIELECTRIC:
foamed polyethylene
overall Ø 3,4 mm

CONDUCTOR:
oxygen free copper
overall Ø 0,75 mm ± 0,01



ELECTRICAL DATA

Impedence @200Mhz: 75 Ohm ± 5
Temperature: -20°C to +70°C
Capacitance: 52pF/m ± 2
Velocity ratio: 85%
Inner conductor resistance: 40 Ohm/Km
Outer conductor resistance: 55 Ohm/Km

Screening Efficiency (SA)

30-1000 MHz >75dB
1000-2000 MHz >65dB
2000-3000 MHz >55dB

ATTENUATION (20°C ±5%)

FREQUENCY	dB/100m
5 MHz	2,34
50 MHz	6,38
200 MHz	11,94
470 MHz	18,58
800 MHz	24,51
860 MHz	25,46
1000 MHz	27,44
1750 MHz	37,96
2050 MHz	41,30
2150 MHz	42,56
2400 MHz	44,69
3000 MHz	49,09

RETURN LOSS

30-470 MHz <-23 dB
470-1000 MHz <-20 dB
1000-1750 MHz <-18 dB
1750-2150 MHz <-15dB

PRODUCT APPLICATION:
Transmission of TV
signals, satellite dishes and
lowering collective.

Rev.030920SY - CPR Eca

PACKING: 8 BOXES OF 100MT (glossy type with red M&P logo) included in big cardboard box (glossy type with red M&P - Size of master-cartons 53x27x35), coil size: 24x9.5x7.5cm, small box size: 25.5x25.5x8.3cm, 8*6=48boxes/Pallet, pallet size: 110x110x224
Cable family meets UNE-EN 50575:2015, UNE-EN 50575:2015 A1/2016; UNE-EN 13501-6:2015 in the applicable parts.