



SIMATIC RF, MV CONNECT. CABLE,
PREASSEMBLED, ZWISCHEN ASM 456, RF160C,
RF170C, RF18XC AND READER,
OR EXTENSION CABLE FOR ASM 456, RF160C,
RF170C, RF18XC MIT RF, MV, MOBY PUR,
CMG, TRAILING, LENGTH 50 M

Cable length 50 m

Electrical data

Number of electrical connections	2
Loop resistance per length / maximum	160 Ω /km
Insulation resistance coefficient	20 G Ω ·m
Operating voltage	
• Maximum	300 V

Mechanical data

Number of electrical wires	6
Design of shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of the cable sheath	5.4 mm
Symmetrical tolerance of outer diameter / of cable sheath	0.2 mm
Material	
• of the wire insulation	PVC
• of the cable sheath	PUR
Color	
• of the cable sheath	Black
Bending radius	
• with single bend / minimum permissible	21.6 mm
• with multiple bends / minimum permissible	43 mm

• with continuous bending	75 mm
Number of bending cycles	3000000
Traction stress / maximum	200 N
Weight per length	45 kg/km
Permitted ambient conditions	
Ambient temperature	
• during operating	-30 ... +80 °C
• during storage	-30 ... +80 °C
• during transport	-30 ... +80 °C
• during installation	-30 ... +80 °C
Chemical resistance	
• to grease	Resistant
Radiological resistance / to UV radiation	Resistant
Product properties, functions, components / general	
Product feature	
• halogen-free	No
• silicon-free	Yes
Standards, specifications, approvals	
UL/ETL listing / with 300 V rating	Yes: CMG
letzte Änderung:	Jun 28, 2014