

Overview of Cabling Systems



Cabling systems	MASTERLINE classic	MASTERLINE lite	MASTERLINE compact
For details see	page 14	page 18	page 20
Number of fibers	2 up to 144	2 up to 24	2 up to 12
Divider	yes	yes	yes
Pigtail length, standard	staggered	staggered	not staggered
Diameter of single fiber cables	2.1 mm / 1.7 mm (3.0 mm or 3.4 mm optional)	2.1 mm	2.1 mm
Protective pulling tube	yes	yes	no
Seal integrity	IP 67	IP 50	–
Mechanical characteristics			
Max. tensile strength	1000 / 1200 N	500 / 700 N	800 N
Crush resistance	200 / 250 N/cm	120 / 150 N/cm	–
Thermal characteristics			
In service	-25 °C up to +70 °C	-15 °C up to +70 °C	-25 °C up to +70 °C
In storage	-25 °C up to +70 °C	-20 °C up to +70 °C	-25 °C up to +70 °C
Application	indoor and outdoor	indoor	indoor

Overview of Cabling Systems



MATERLINE quick	MASTERLINE mobile	SMARTLINE riser	SMARTLINE breakout
page 22	page 24	page 28	page 30
2 up to 12	2 up to 12	4 up to 16	2 up to 16
yes	yes	no	no
not staggered	staggered	not staggered	not staggered
1.7 mm	2.7 or 3.4 mm	0.9 mm	2.0 mm (2.7 mm optional)
no	yes	no	no
–	IP 67	–	–
50 N	1000 N	1)	1)
1)	200 / 250 N/cm	1)	1)
-25 °C up to +70 °C	-40 °C up to +70 °C	-25 °C up to +70 °C	-25 °C up to +70 °C
-25 °C up to +70 °C	-40 °C up to +70 °C	-25 °C up to +70 °C	-25 °C up to +70 °C
indoor (protected environment)	indoor and outdoor	indoor	indoor

1) See detailed specifications in data sheet for cable type