



Application: Tertiary (Horizontal)
IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T;
IEEE 802.5 16 MB; ISDN; TPDDI; ATM, Power over Ethernet

Standards: ISO/IEC 11801 2nd ed.; IEC 61156-5
EN 50173; EIA/TIA 568B.2

Fire rating
PVC: IEC 60332-1
LSZH: IEC 60332-1; IEC 60754-2; IEC 61034;
LSFRZH: IEC 60332-3C

Construction

Conductor	bare copper wire Ø 0.50 mm (AWG24)
Insulation	Polyethylene, Ø 1.08 mm
Twisting	2 cores to the pair
Cable lay up	4 pairs to the core
Screen	AL-laminated plastic foil, Drain wire AWG 26 tinned
Sheath	PVC alt. LSZH,LSFRZH, grey RAL 7035 Duplex sheath: two cables parallel, separable

Technical Data

Product code	Designation	Brand name	Outer diameter mm	Tensile force N
R35048 R300317	4x2x0.50 4x2x0.5 Box	R&M freenet Cat.5e 200MHz F/UTP 4P PVC	6.0	100
R35049 R300316	4x2x0.50 4x2x0.50 Box	R&M freenet Cat.5e 200MHz F/UTP 4P LSZH		
R35050	2x(4x2x0.50)	R&M freenet Cat.5e 200MHz F/UTP 2x4P PVC	6.0/6.1/10.2	100
R35051	2x(4x2x0.50)	R&M freenet Cat.5e 200MHz F/UTP 2x4P LSZH		

R302039 4x2x0.50 R&M freenet Cat.5e 200MHz

Convincing cabling solutions

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