



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

Standards: EIA/TIA 568A;
 ISO/IEC 11801 2nd ed.; IEC 61156-5
 EN 50173; EN 50288-3-1

Fire rating

PVC: IEC 60332-1
FRNC: IEC 60332-1; IEC 60754-2; IEC 61034;

Construction

Conductor	bare copper wire Ø 0.5 mm (AWG24)
Insulation	Polyethylene, Ø 0.9 mm
Twisting	2 cores to the pair
Cable lay up	4 pairs to the core
Sheath	PVC alt. FRNC, grey RAL 7035 Duplex sheath: two cables parallel, separable

Technical Data

Product code	Designation	Brand name	Outer diameter Mm	Fire load		Weight kg/km	Copper content kg/km	Tensile force N
				MJ/km	kWh/m			
R35044	4x2x0.5	R&M freenet Cat.5e 200MHz U/UTP 4P PVC	5.1	365	0.101	35	17.5	100
R35045	4x2x0.5	R&M freenet Cat.5e 200MHz U/UTP 4P LSOH		336	0.093	36		
R35046	2x(4x2x0.5)	R&M freenet Cat.5e 200MHz U/UTP 2x4P PVC	5.1/10.2	730	0.202	70	35	100
R35047	2x(4x2x0.5)	R&M freenet Cat.5e 200MHz U/UTP 2x4PLSOH		672	0.186	72		