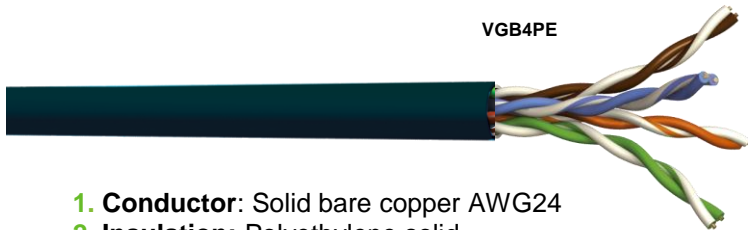
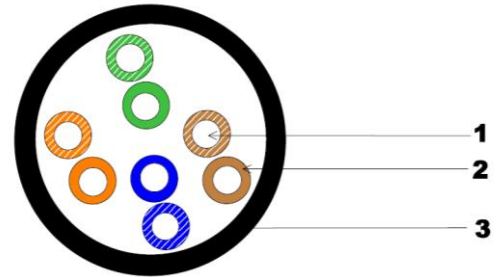


REF : VGB4PE

100 Ω U/UTP 4 pairs category 5e cable – 100 MHz- PE sheath



VGB4PE



1. **Conductor:** Solid bare copper AWG24
2. **Insulation:** Polyethylene solid
3. **Outer sheath:** PE – Black RAL 9005

Application

U/UTP (Unshielded twisted pairs) cable for use as horizontal link in case of outdoor application, example IP camera.

This cable supports all the applications of the current network standards IEEE802.3, IEEE802.5 & IEEE802.12. (Ethernet, Token Ring, TP-PMD). It is also suitable for ATM 622 Mps applications.

Standards

CABLE	IEC 61156-5
SYSTEM	ISO 11801 Edition 2 – CLASSE D

Electrical properties

Mechanical characteristics

Elect. linear resistance : 95 Ω / Km	Operating temperature : - 20° C / + 70°C
Unbalance capacity max : 1600 pF / Km	Minimum bending radius: 8 x cable diameter
Characteristic impedance from 1 to 100 MHz : 100 +/- 5 Ω	
Velocity of propagation : 66 %	Conform to RoHS directive

REF : VGB4PE

100 Ω U/UTP 4 pairs category 5e cable – 100 MHz- PE sheath

Performances de transmission @ 20°C

Freq. (MHZ)	ATTENUATION (dB/100m)		NEXT (dB)		PS NEXT (dB)		ELFLEX (dB)		PSELFLEX (dB)		RETURN LOSS (dB)	
	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C
4	4.08	4.0	56.3	62	53.3	59	52	63	49	60	23	37
10	6.5	6.2	50.3	60	47.3	57	44	60	41	57	25	38
16	8.3	8.1	47.2	56	44.2	53	40	57	37	54	25	38
25	10.4	10.2	44.3	54	41.3	51	36	53	33	50	24.3	75
31.25	11.7	11.5	42.9	50	39.9	47	34.1	48	31.1	45	23.6	35
62.5	17	16.8	38.4	47	35.4	43	28.1	39	25.1	36	21.5	34
100	22	21.7	35.3	40	32.3	37	24	35	21	32	20.1	32

Standard: Values according to IEC 61156 _5

Ordering information

References	VGB 4SH
Pairs	4
AWG	24
Nominal Diameter (mm)	5.4
Weight Kg/Km	33
Packaging	100m - 305m 500m –1000m