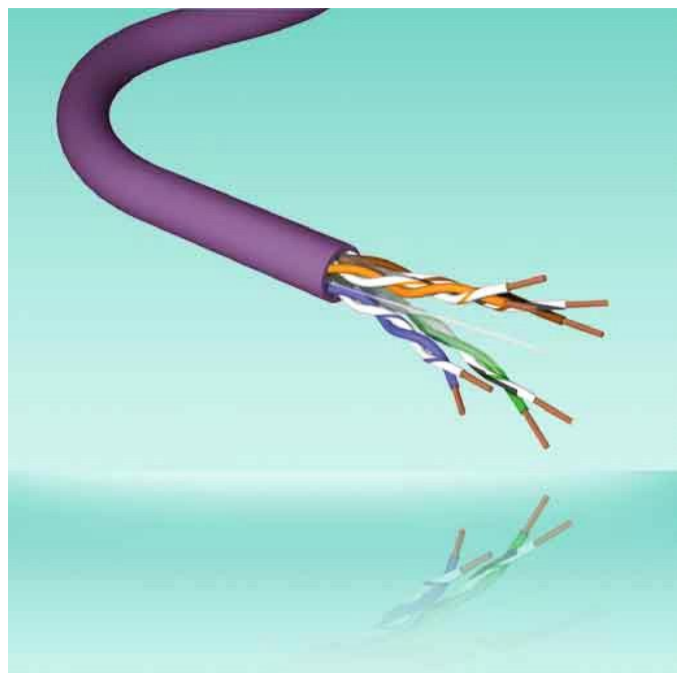


کابل معمولی محیط باز

کابل شبکه 4 زوج بهم تابیده، CAT6, UTP, Class E, 23/1 AWG، مناسب برای محیط های معمولی و عاری از نویز و میدان های مغناطیسی، با قابلیت پشتیبانی پروتکل اترنت گیگابیت، قابل استفاده در کاربردهای افقی (Horizontal) و بک بون (Back Bone)



Independent 3rd Party Certification (3P)

PRODUCT DESCRIPTION

Cat6Plus U/UTP, 100 Ω, 4x2xAWG 23/1 premium grade Class E/Cat 6 cable to support Gigabit Ethernet protocol for installation in horizontal and backbone areas

PRODUCT PERFORMANCE

Core

conductor: 23 AWg plain annealed copper Wire
insulation: polyolefin
diameter: 1.00mm nominal
pair: 2 of the above cores
pair color: blue-White, orange-White
 green-White, brown-White

Final Assembly

cable: 4 of the above pairs cabled together around a cross filler
Sheath: IShF compound

Mechanical and Environmental

temp - installation: 0°C to +50°C
temp - operation: -20°C to +75°C
max tensile load: 10kg per simplex cable
min bend radius: 8 x outer diameter (installation) 4 x outer diameter



Cable Standards

the cable is compliant with
 ISO/IEC 61156-5, EN 50288-3-1 and ANSI/TIA/EIA 568C *

Brand-Rex Copper Cables - Giga Plus

Communication Cable, U/UTP, 100 Ω, 4x2xAWG 24/1

Frequency (MHz)		1	4	10	16	20	31.25	62.5	100	155	200	250	300	550
Insertion Loss (dB/100m)	Spec	2.1	3.8	6.0	7.6	8.5	10.7	15.5	19.9	25.3	29.1	33.0	na	na
	Typical	1.9	3.5	5.5	7.0	7.8	9.9	14.1	18.0	22.7	26.1	29.4	32.5	45.4
NEXT (dB)	Spec	66.0	65.3	59.3	56.2	54.8	51.9	47.4	44.3	41.4	39.8	38.3	na	na
	Typical	86.5	77.5	71.5	68.4	67.0	64.1	59.6	56.5	53.6	52.0	50.5	49.3	45.4
PSNEXT (dB)	Spec	64.0	63.3	57.3	54.2	52.8	49.9	45.4	42.3	39.4	37.8	36.3	na	na
	Typical	84.5	75.5	69.5	66.4	65.0	62.1	57.6	54.5	51.6	50.0	48.5	47.3	43.4
ELFEXT (dB/100m)	Spec	66.0	58.0	50.0	45.9	44.0	40.1	34.1	30.0	26.2	24.0	22.0	na	na
	Typical	85.0	73.0	65.0	60.9	59.0	55.1	49.1	45.0	41.2	39.0	37.0	35.5	30.2
PSELFEXT (dB/100m)	Spec	64.0	55.0	47.0	42.9	41.0	37.1	31.1	27.0	23.2	21.0	19.0	na	na
	Typical	82.0	70.0	62.0	57.9	56.0	52.1	46.4	42.0	38.2	36.0	34.0	32.5	27.2
Return Loss (dB/100m)	Spec	na	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.8	18.0	17.3	na	na
	Typical	27.0	30.0	30.0	30.0	30.0	28.6	26.5	25.1	23.8	23.0	22.3	21.8	19.9
ACR (dB/100m)	Typical	84.6	73.9	66.0	61.4	59.1	54.2	45.5	38.5	30.9	25.9	21.1	16.9	0.0
PSACR (dB/100m)	Typical	82.6	71.9	64.0	59.4	57.1	52.2	43.5	36.5	28.9	23.9	19.1	14.9	-2.0