

AT-A-GLANCE COPPER COMPARISONS

LANmark™-10G2 Part of NetClear GTX



CAT 6A UTP

Berk-Tek 10G LD



10G CAT 6 UTP

LANmark™-2000 Part of NetClear GT3



Premium CAT 6 UTP

LANmark™-1000 Part of NetClear GT2



Enhanced CAT 6 UTP

LANmark™-6 Part of NetClear G6



CAT 6 UTP

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.300"
CMR OD (nom.)	0.320"
CMP Cable Wgt. (/1,000 ft.)	43 lbs.
CMR Cable Wgt. (/1,000 ft.)	46 lbs.
Crossfill?	3 tubes

Electrical Characteristics

Guaranteed to 500 MHz
Characterized to 750 MHz

Guaranteed Margin to std.

NEXT	2 dB
PSNEXT	2 dB
ACR	2 dB
PSACR	2 dB
ACRF	4 dB
PSACRF	4 dB

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.265"
CMR OD (nom.)	0.265"
CMP Cable Wgt. (/1,000 ft.)	36 lbs.
CMR Cable Wgt. (/1,000 ft.)	34 lbs.
Crossfill?	Yes

Electrical Characteristics

Guaranteed to 500 MHz
Characterized to 500 MHz

Guaranteed Margin to std.

NEXT	N/A
PSNEXT	N/A
ACR	N/A
PSACR	N/A
ACRF	N/A
PSACRF	N/A

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.220"
CMR OD (nom.)	0.231"
CMP Cable Wgt. (/1,000 ft.)	30 lbs.
CMR Cable Wgt. (/1,000 ft.)	27 lbs.
Crossfill?	Yes

Electrical Characteristics

Guaranteed to 500 MHz
Characterized to 600 MHz

Guaranteed Margin to std.

NEXT	10 dB
PSNEXT	10 dB
ACR	10 dB
PSACR	10 dB
ACRF	9 dB
PSACRF	9 dB

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.226"
CMR OD (nom.)	0.228"
CMP Cable Wgt. (/1,000 ft.)	29 lbs.
CMR Cable Wgt. (/1,000 ft.)	25 lbs.
Crossfill?	Yes

Electrical Characteristics

Guaranteed to 350 MHz
Characterized to 550 MHz

Guaranteed Margin to std.

NEXT	5 dB
PSNEXT	5 dB
ACR	5 dB
PSACR	5 dB
ACRF	5 dB
PSACRF	5 dB

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.224"
CMR OD (nom.)	0.192"
CMP Cable Wgt. (/1,000 ft.)	29 lbs.
CMR Cable Wgt. (/1,000 ft.)	23 lbs.
Crossfill?	No

Electrical Characteristics

Guaranteed to 250 MHz
Characterized to 500 MHz

Guaranteed Margin to std.

NEXT	2 dB
PSNEXT	2 dB
ACR	2 dB
PSACR	2 dB
ACRF	0 dB
PSACRF	0 dB

AT-A-GLANCE COPPER COMPARISONS

LANmark-350™ Part of NetClear GT



Premium CAT 5e UTP

Hyper Plus 5e Part of NetClear G5e



CAT 5e UTP

LANmark™-10G FTP



CAT 6A F/UTP

LANmark™-6 FTP Part of NetClear GTS



CAT 6 F/UTP

LANmark™-5e FTP



CAT 5e F/UTP

Physical Characteristics

Gauge	24 AWG
CMP OD (nom.)	0.165"
CMR OD (nom.)	0.187"
CMP Cable Wgt. (/1,000 ft.)	21 lbs.
CMR Cable Wgt. (/1,000 ft.)	20 lbs.
Crossfill?	No

Electrical Characteristics

Guaranteed to 350 MHz
Characterized to 450 MHz

Guaranteed Margin to std.

NEXT	5 dB
PSNEXT	6 dB
ACR	5 dB
PSACR	6 dB
ACRF	3 dB
PSACRF	3 dB

Physical Characteristics

Gauge	24 AWG
CMP OD (nom.)	0.210"
CMR OD (nom.)	0.191"
CMP Cable Wgt. (/1,000 ft.)	25 lbs.
CMR Cable Wgt. (/1,000 ft.)	20 lbs.
Crossfill?	No

Electrical Characteristics

Guaranteed to 100 MHz
Characterized to 350 MHz

Guaranteed Margin to std.

NEXT	1 dB
PSNEXT	0 dB
ACR	1 dB
PSACR	0 dB
ACRF	0 dB
PSACRF	0 dB

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.280"
CMR OD (nom.)	0.300"
CMP Cable Wgt. (/1,000 ft.)	40 lbs.
CMR Cable Wgt. (/1,000 ft.)	38 lbs.
Crossfill?	Yes

Electrical Characteristics

Guaranteed to 500 MHz
Characterized to 500 MHz

Guaranteed Margin to std.

NEXT	2 dB
PSNEXT	2 dB
ACR	0 dB
PSACR	0 dB
ACRF	4 dB
PSACRF	4 dB

Physical Characteristics

Gauge	23 AWG
CMP OD (nom.)	0.285"
CMR OD (nom.)	0.280"
CMP Cable Wgt. (/1,000 ft.)	42 lbs.
CMR Cable Wgt. (/1,000 ft.)	36 lbs.
Crossfill?	Yes

Electrical Characteristics

Guaranteed to 250 MHz
Characterized to 350 MHz

Guaranteed Margin to std.

NEXT	0 dB
PSNEXT	0 dB
ACR	0 dB
PSACR	0 dB
ACRF	0 dB
PSACRF	0 dB

Physical Characteristics

Gauge	24 AWG
CMP OD (nom.)	0.235"
CMR OD (nom.)	0.240"
CMP Cable Wgt. (/1,000 ft.)	31 lbs.
CMR Cable Wgt. (/1,000 ft.)	29 lbs.
Crossfill?	No

Electrical Characteristics

Guaranteed to 100 MHz
Characterized to 250 MHz

Guaranteed Margin to std.

NEXT	0 dB
PSNEXT	0 dB
ACR	0 dB
PSACR	0 dB
ACRF	0 dB
PSACRF	0 dB