



Brand-Rex Optical Components - Patch Cords

62.5/12.5 Multi Mode Optical Patch Cords

Optical Performance (IEC 60874-1 Method 7)

	ST	SC	FC-PC	MT-RJ	LC
Insertion Loss Max dB	0.5	0.5	0.5	0.75	0.5
Insertion Loss Typical dB	0.2	0.2	0.2	0.4	0.2
Return Loss Min dB	20.0	20.0	20.0	20.0	20.0

Manufactured to comply with:
ISO/IEC 11801,
EN50173 -1,
ANSI TIA/EIA 568.C

All major connector types
Colour coded for identification
Duplex patchcords feature 'Crossover'
OM1 Grade Cable

PRODUCT DESCRIPTION

For use in permanent connections between transmission equipment and patch panels or interconnect / cross connect between panels. Patch cords are pre-constructed with connectors. These include small form factors such as LC and MT-RJ as well as SC, FC and ST. Based on 2.80mm sub units (1.9mm SFF) these ruggedised cables are sheathed with LSHF material making them suitable for internal use.

CABLE PROPERTIES

Crush (N): 1500	Temp - Operation: -10°C to +70°C
Impact (Nm): 5	Temp - Storage: -25°C to +80°C
Torsion (turns / m): 5	Temp - Installation: 0°C to +70°C
Fire: IEC 60332-1-2	Sheath Colour: Orange (Others available on request)

Product Part Numbering

	1.00m	2.00m	3.00m	5.00m
FC - FC Duplex	HOPFC062010FC291	HOPFC062020FC291	HOPFC062030FC291	HOPFC062050FC291
LC - SC Duplex	HOPLC062010SC293	HOPLC062020SC293	HOPLC062030SC293	HOPLC062050SC293
LC - ST Duplex	HOPLC062010ST293	HOPLC062020ST293	HOPLC062030ST293	HOPLC062050ST293
LC - LC Duplex	HOPLC062010LC293	HOPLC062020LC293	HOPLC062030LC293	HOPLC062050LC293
MT-RJ - MT-RJ Duplex	HOPMJ062010MJ292	HOPMJ062020MJ292	HOPMJ062030MJ292	HOPMJ062050MJ292
MT-RJ - SC Duplex	HOPMJ062010SC292	HOPMJ062020SC292	HOPMJ062030SC292	HOPMJ062050SC292
MT-RJ - ST Duplex	HOPMJ062010ST292	HOPMJ062020ST292	HOPMJ062030ST292	HOPMJ062050ST292
MTRJ - LC Duplex	HOPMJ062010LC292	HOPMJ062020LC292	HOPMJ062030LC292	HOPMJ062050LC292
SC - SC Duplex	HOPSC062010SC291	HOPSC062020SC291	HOPSC062030SC291	HOPSC062050SC291
SC - ST Duplex	HOPSC062010ST291	HOPSC062020ST291	HOPSC062030ST291	HOPSC062050ST291
ST - ST Duplex	HOPST062010ST291	HOPST062020ST291	HOPST062030ST291	HOPST062050ST291



Brand-Rex Optical Components - Patch Cords

50/125 Multi Mode Optical Patch Cords

Optical Performance (IEC 60874-1 Method 7)

	ST	SC	FC-PC	MT-RJ	LC
Insertion Loss Max dB	0.5	0.5	0.5	0.75	0.5
Insertion Loss Typical dB	0.2	0.2	0.2	0.4	0.2
Return Loss Min dB	20.0	20.0	20.0	20.0	20.0

Product Part Numbering

	1.00m	2.00m	3.00m	5.00m
FC - FC Duplex	HOPFC050010FC291	HOPFC050020FC291	HOPFC050030FC291	HOPFC050050FC291
LC - SC Duplex	HOPLC050010SC293	HOPLC050020SC293	HOPLC050030SC293	HOPLC050050SC293
LC - ST Duplex	HOPLC050010ST293	HOPLC050020ST293	HOPLC050030ST293	HOPLC050050ST293
LC - LC Duplex	HOPLC050010LC293	HOPLC050020LC293	HOPLC050030LC293	HOPLC050050LC293
MT-RJ - MT-RJ Duplex	HOPMJ050010MJ292	HOPMJ050020MJ292	HOPMJ050030MJ292	HOPMJ050050MJ292
MT-RJ - SC Duplex	HOPMJ050010SC292	HOPMJ050020SC292	HOPMJ050030SC292	HOPMJ050050SC292
MT-RJ - ST Duplex	HOPMJ050010ST292	HOPMJ050020ST292	HOPMJ050030ST292	HOPMJ050050ST292
MT-RJ - LC Duplex	HOPMJ050010LC292	HOPMJ050020LC292	HOPMJ050030LC292	HOPMJ050050LC292
SC - SC Duplex	HOPSC050010SC291	HOPSC050020SC291	HOPSC050030SC291	HOPSC050050SC291
SC - ST Duplex	HOPSC050010ST291	HOPSC050020ST291	HOPSC050030ST291	HOPSC050050ST291
ST - ST Duplex	HOPST050010ST291	HOPST050020ST291	HOPST050030ST291	HOPST050050ST291

Manufactured to comply with:
ISO/IEC 11801,
EN50173 -1,
ANSI TIA/EIA 568.C

All major connector types
Colour coded for identification
Duplex patch cords feature 'Crossover'
OM2 Grade Cable

PRODUCT DESCRIPTION

For use in permanent connections between transmission equipment and patch panels or interconnect / cross connect between panels. Patch cords are pre-constructed with connectors. These include small form factors such as LC and MT-RJ as well as SC, FC and ST. Based on 2.80mm sub units (1.9mm SFF) these ruggedised cables are sheathed with LSHF material making them suitable for internal use.

CABLE PROPERTIES

Crush (N): 1500	Temp - Operation: -10°C to +70°C
Impact (Nm): 5	Temp - Storage: -25°C to +80°C
Torsion (turns / m): 5	Temp - Installation: 0°C to +70°C
Fire: IEC 60332-1-2	Sheath Colour: Orange (Others available on request)



Brand-Rex Optical Components - Patch Cords

50/125 OM3 Multi Mode Optical Patch Cords

Optical Performance (IEC 60874-1 Method 7)

	ST	SC	FC-PC	MT-RJ	LC
Insertion Loss Max dB	0.5	0.5	0.5	0.75	0.5
Insertion Loss Typical dB	0.2	0.2	0.2	0.4	0.2
Return Loss Min dB	20.0	20.0	20.0	20.0	20.0

Product Part Numbering

	1.00m	2.00m	3.00m	5.00m
FC - FC Duplex	HOPFCOM3010FC251	HOPFCOM3020FC251	HOPFCOM3030FC251	HOPFCOM3050FC251
LC - SC Duplex	HOPLCOM3010SC253	HOPLCOM3020SC253	HOPLCOM3030SC253	HOPLCOM3050SC253
LC - ST Duplex	HOPLCOM3010ST253	HOPLCOM3020ST253	HOPLCOM3030ST253	HOPLCOM3050ST253
LC - LC Duplex	HOPLCOM3010LC253	HOPLCOM3020LC253	HOPLCOM3030LC253	HOPLCOM3050LC253
MT-RJ - MT-RJ Duplex	HOPMJOM3010MJ252	HOPMJOM3020MJ252	HOPMJOM3030MJ252	HOPMJOM3050MJ252
MT-RJ - SC Duplex	HOPMJOM3010SC252	HOPMJOM3020SC252	HOPMJOM3030SC252	HOPMJOM3050SC252
MT-RJ - ST Duplex	HOPMJOM3010ST252	HOPMJOM3020ST252	HOPMJOM3030ST252	HOPMJOM3050ST252
MT-RJ - LC Duplex	HOPMJOM3010LC252	HOPMJOM3020LC252	HOPMJOM3030LC252	HOPMJOM3050LC252
SC - SC Duplex	HOPSCOM3010SC251	HOPSCOM3020SC251	HOPSCOM3030SC251	HOPSCOM3050SC251
SC - ST Duplex	HOPSCOM3010ST251	HOPSCOM3020ST251	HOPSCOM3030ST251	HOPSCOM3050ST251
ST - ST Duplex	HOPSTOM3010ST251	HOPSTOM3020ST251	HOPSTOM3030ST251	HOPSTOM3050ST251

Manufactured to comply with:
 ISO/IEC 11801,
 EN50173 -1,
 ANSI TIA/EIA 568B

All major connector types
 Colour coded for identification
 Duplex patch cords feature 'Crossover'
 OM3 Grade Cable

PRODUCT DESCRIPTION

For use in permanent connections between transmission equipment and patch panels or interconnect / cross connect between panels. Patch cords are pre-constructed with connectors. These include small form factors such as LC and MT-RJ as well as SC, FC and ST. Based on 2.80mm sub units (1.9mm SFF) these ruggedised cables are sheathed with LSHF material making them suitable for internal use.

CABLE PROPERTIES

Crush (N):	Temp - Operation:
1500	-10°C to +70°C
Impact (Nm):	Temp - Storage:
5	-25°C to +80°C
Torsion (turns / m):	Temp - Installation:
5	0°C to +70°C
Fire:	Sheath Colour:
IEC 60332-1-2	Aqua
	(Others available on request)



Brand-Rex Optical Components - Patch Cords
50/125 OM4 Multi Mode Optical Patch Cords

Optical Performance (IEC 60874-1 Method 7)

	ST	SC	FC-PC	MT-RJ	LC
Insertion Loss Max dB	0.5	0.5	0.5	0.75	0.5
Insertion Loss Typical dB	0.2	0.2	0.2	0.4	0.2
Return Loss Min dB	20.0	20.0	20.0	20.0	20.0

Product Part Numbering

	1.00m	2.00m	3.00m	5.00m
FC - FC Duplex	HOPFCOM4010FC271	HOPFCOM4020FC271	HOPFCOM4030FC271	HOPFCOM4050FC271
LC - SC Duplex	HOPLCOM4010SC273	HOPLCOM4020SC273	HOPLCOM4030SC273	HOPLCOM4050SC273
LC - ST Duplex	HOPLCOM4010ST273	HOPLCOM4020ST273	HOPLCOM4030ST273	HOPLCOM4050ST273
LC - LC Duplex	HOPLCOM4010LC273	HOPLCOM4020LC273	HOPLCOM4030LC273	HOPLCOM4050LC273
MT-RJ - MT-RJ Duplex	HOPMJOM4010MJ272	HOPMJOM4020MJ272	HOPMJOM4030MJ272	HOPMJOM4050MJ272
MT-RJ - SC Duplex	HOPMJOM4010SC272	HOPMJOM4020SC272	HOPMJOM4030SC272	HOPMJOM4050SC272
MT-RJ - ST Duplex	HOPMJOM4010ST272	HOPMJOM4020ST272	HOPMJOM4030ST272	HOPMJOM4050ST272
MT-RJ - LC Duplex	HOPMJOM4010LC272	HOPMJOM4020LC272	HOPMJOM4030LC272	HOPMJOM4050LC272
SC - SC Duplex	HOPSCOM4010SC271	HOPSCOM4020SC271	HOPSCOM4030SC271	HOPSCOM4050SC271
SC - ST Duplex	HOPSCOM4010ST271	HOPSCOM4020ST271	HOPSCOM4030ST271	HOPSCOM4050ST271
ST - ST Duplex	HOPSTOM4010ST271	HOPSTOM4020ST271	HOPSTOM4030ST271	HOPSTOM4050ST271

Manufactured to comply with:
ISO/IEC 11801,
EN50173 -1,
ANSI TIA/EIA 568B

All major connector types
Colour coded for identification
Duplex patch cords feature 'Crossover'
OM4 Grade Cable

PRODUCT DESCRIPTION

For use in permanent connections between transmission equipment and patch panels or interconnect / cross connect between panels. Patch cords are pre-constructed with connectors. These include small form factors such as LC and MT-RJ as well as SC, FC and ST. Based on 2.80mm sub units (1.9mm SFF) these ruggedised cables are sheathed with LSHF material making them suitable for internal use.

CABLE PROPERTIES

Crush (N): 1500	Temp - Operation: -10°C to +70°C
Impact (Nm): 5	Temp - Storage: -25°C to +80°C
Torsion (turns / m): 5	Temp - Installation: 0°C to +70°C
Fire: IEC 60332-1-2	Sheath Colour: Heather Violet <i>(Others available on request)</i>