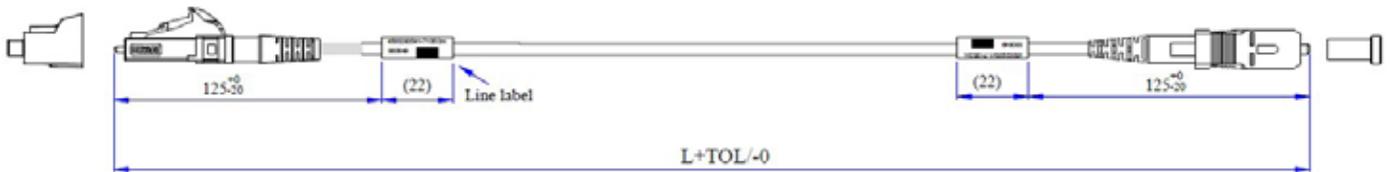# Central Office

Singlemode G657A.2 SIMPLEX Fiber Optic Patch Cords - OFNR (Riser)

Characteristics
- High quality interconnectivity components are the key to powerful fiber optic networks. R&M offers a complete range of optical cords and pigtails finished in a variety of cable and connector configurations.
- The cable is fully compatible with all standard cable management accessories and requires no special tools or knowledge to install.
- G657A2
- All cords are assembled in accordance with ISO IEC 61753-1 and guarantee the highest quality and reliability.
- Available in a wide range of lengths, according to the customer's needs
- OFNR Fiber (Riser)
- Typical IL ≤ 0.2 dB
- Patch cords: Diameter 1.2mm / 1.6mm / 2.0mm / 3.0 mm

	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
2.0mm	1 M (≈ 3.3ft)	R885816	R885811	R885812	R885823	R885820	R885821	R885818	R885817	R885813
	2 M (≈ 6.6ft)	R885960	R885932	R885938	R885996	R885980	R885985	R885970	R885965	R885944
	3 M (≈ 9.8ft)	R885961	R885934	R885939	R885997	R885981	R885986	R885971	R885966	R885945
	5 M (≈ 16.4ft)	R885962	R885935	R885940	R885998	R885982	R885987	R885972	R885967	R885946
	7 M (≈ 23.0ft)	R885963	R885936	R885941	R885999	R885983	R885988	R885973	R885968	R885947
	10 M (≈ 32.8ft)	R885964	R885937	R885942	R886000	R885984	R885989	R885974	R885969	R885948

	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
1.6mm	1 M (≈ 3.3ft)	R897393	R897406	R897415	R897469	R897476	R897511	R897525	R897531	R897551
	2 M (≈ 6.6ft)	R897394	R897408	R897416	R897470	R897477	R897512	R897526	R897532	R897552
	3 M (≈ 9.8ft)	R897396	R897409	R897417	R897471	R897479	R897513	R897527	R897547	R897553
	5 M (≈ 16.4ft)	R897399	R897410	R897418	R897473	R897481	R897514	R897528	R897548	R897578
	7 M (≈ 23.0ft)	R897403	R897411	R897419	R897474	R897482	R897523	R897529	R897549	R897580
	10 M (≈ 32.8ft)	R897404	R897414	R897421	R897475	R897483	R897524	R897530	R897550	R897581

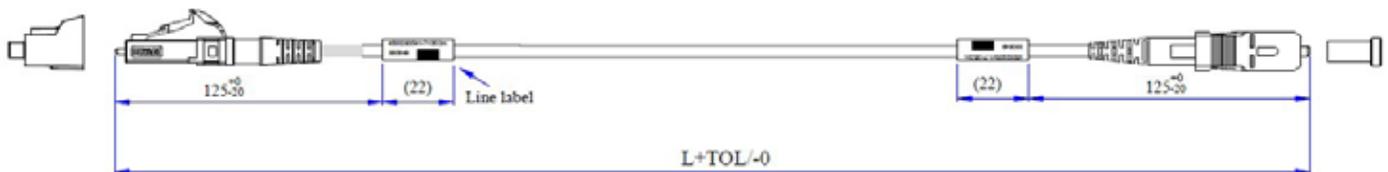|	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
3.0mm	1 M (≈ 3.3ft)	R897217	R897227	R897236	R897249	R897297	R897305	R897315	R897326	R897352
	2 M (≈ 6.6ft)	R897220	R897230	R897239	R897252	R897299	R897307	R897317	R897328	R897355
	3 M (≈ 9.8ft)	R897221	R897232	R897240	R897290	R897300	R897309	R897318	R897330	R897357
	5 M (≈ 16.4ft)	R897223	R897233	R897241	R897292	R897301	R897310	R897319	R897347	R897358
	7 M (≈ 23.0ft)	R897224	R897234	R897245	R897294	R897302	R897312	R897321	R897349	R897360
	10 M (≈ 32.8ft)	R897226	R897235	R897247	R897295	R897303	R897314	R897323	R897351	R897362

Singlemode G657A.2 SIMPLEX Fiber Optic Patch Cords - OFNP (Plenum)

Characteristics
- High quality interconnectivity components are the key to powerful fiber optic networks. R&M offers a complete range of optical cords and pigtails finished in a variety of cable and connector configurations.
- The cable is fully compatible with all standard cable management accessories and requires no special tools or knowledge to install.
- G657A2
- All cords are assembled in accordance with ISO IEC 61753-1 and guarantee the highest quality and reliability.
- Available in a wide range of lengths, according to the customer's needs
- OFNP Fiber (Plenum)
- Typical IL ≤ 0.2 dB
- Patch cords: Diameter 1.2mm / 1.6mm / 2.0mm / 3.0 mm

	Length	SCA-SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
2.0mm	1 M (≈ 3.3ft)	R903762	R903820	R903827	R903833	R903895	R903910	R904066	R904072	R904078
	2 M (≈ 6.6ft)	R903763	R903821	R903828	R903835	R903896	R903930	R904067	R904073	R904079
	3 M (≈ 9.8ft)	R903764	R903822	R903829	R903836	R903898	R903931	R904068	R904074	R904080
	5 M (≈ 16.4ft)	R903765	R903823	R903830	R903892	R903902	R903932	R904069	R904075	R904082
	7 M (≈ 23.0ft)	R903818	R903824	R903831	R903893	R903905	R903933	R904070	R904076	R904083
	10 M (≈ 32.8ft)	R903819	R903825	R903832	R903894	R903909	R903934	R904071	R904077	R904084

	Length	SCA-SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
3.0mm	1 M (≈ 3.3ft)	R904085	R904094	on request	on request	on request	on request	on request	on request	on request
	2 M (≈ 6.6ft)	R904088	R904095	on request	on request	on request	on request	on request	on request	on request
	3 M (≈ 9.8ft)	R904089	R904096	on request	on request	on request	on request	on request	on request	on request
	5 M (≈ 16.4ft)	R904090	R904097	on request	on request	on request	on request	on request	on request	on request
	7 M (≈ 23.0ft)	R904092	R904098	on request	on request	on request	on request	on request	on request	on request
	10 M (≈ 32.8ft)	R904093	R904124	on request	on request	on request	on request	on request	on request	on request

Singlemode G657A.2 DUPLEX Fiber Optic Patch Cords - OFNR (Riser)

Characteristics
- High quality interconnectivity components are the key to powerful fiber optic networks. R&M offers a complete range of optical cords and pigtails finished in a variety of cable and connector configurations.
- The cable is fully compatible with all standard cable management accessories and requires no special tools or knowledge to install.
- G657A2
- All cords are assembled in accordance with ISO IEC 61753-1 and guarantee the highest quality and reliability.
- Available in a wide range of lengths, according to the customer's needs
- OFNR Fiber (Riser)
- Typical IL ≤ 0.2 dB
- Patch cords: Diameter 1.2mm / 1.6mm / 2.0mm / 3.0 mm

	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
1.2mm	1 M (≈ 3.3ft)	on request	on request	on request	on request	R879495	on request	on request	on request	on request
	2 M (≈ 6.6ft)	on request	on request	on request	on request	R879496	on request	on request	on request	on request
	3 M (≈ 9.8ft)	on request	on request	on request	on request	R879497	on request	on request	on request	on request
	5 M (≈ 16.4ft)	on request	on request	on request	on request	R879499	on request	on request	on request	on request
	7 M (≈ 23.0ft)	on request	on request	on request	on request	R880826	on request	on request	on request	on request
	10 M (≈ 32.8ft)	on request	on request	on request	on request	R880829	on request	on request	on request	on request

	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
2.0mm	1 M (≈ 3.3ft)	R892786	R892798	on request	R892837	R892825	on request	on request	on request	on request
	2 M (≈ 6.6ft)	R892787	R892799	on request	R892840	R892826	on request	on request	on request	on request
	3 M (≈ 9.8ft)	R882863	R892801	on request	R892841	R892827	on request	on request	on request	on request
	5 M (≈ 16.4ft)	R892788	R892831	on request	R892842	R892828	on request	on request	on request	on request
	7 M (≈ 23.0ft)	R892790	R892832	on request	R892844	R892829	on request	on request	on request	on request
	10 M (≈ 32.8ft)	R892791	R892834	on request	R892846	R892830	on request	on request	on request	on request

	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
1.6mm	1 M (≈ 3.3ft)	R897478	R896270	on request	R897886	R897926	on request	on request	on request	on request
	2 M (≈ 6.6ft)	R897480	R897836	on request	R897887	R897929	on request	on request	on request	on request
	3 M (≈ 9.8ft)	R897582	R897837	on request	R897890	R897931	on request	on request	on request	on request
	5 M (≈ 16.4ft)	R897583	R897880	on request	R897889	R897932	on request	on request	on request	on request
	7 M (≈ 23.0ft)	R896258	R897884	on request	R897891	R897934	on request	on request	on request	on request
	10 M (≈ 32.8ft)	R896269	R897885	on request	R897892	R897935	on request	on request	on request	on request

	Length	SCA/SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
3.0mm	1 M (≈ 3.3ft)	R897225	R897244	on request	R897316	R897345	on request	on request	on request	R904544
	2 M (≈ 6.6ft)	R897231	R897246	on request	R897320	R897346	on request	on request	on request	on request
	3 M (≈ 9.8ft)	R897237	R897304	on request	R897322	R897348	on request	on request	on request	on request
	5 M (≈ 16.4ft)	R897238	R897306	on request	R897324	R897350	on request	on request	on request	on request
	7 M (≈ 23.0ft)	R897242	R897308	on request	R897325	R897353	on request	on request	on request	on request
	10 M (≈ 32.8ft)	R897243	R897313	on request	R897344	R897354	on request	on request	on request	on request

Singlemode G657A.2 DUPLEX Fiber Optic Patch Cords (Simplex) - OFNP (Plenum)

Characteristics
- High quality interconnectivity components are the key to powerful fiber optic networks. R&M offers a complete range of optical cords and pigtails finished in a variety of cable and connector configurations.
- The cable is fully compatible with all standard cable management accessories and requires no special tools or knowledge to install.
- G657A2
- All cords are assembled in accordance with ISO IEC 61753-1 and guarantee the highest quality and reliability.
- Available in a wide range of lengths, according to the customer's needs
- OFNP Fiber (Plenum)
- Typical IL ≤ 0.2 dB
- Patch cords: Diameter 1.2mm / 1.6mm / 2.0mm / 3.0 mm

	Length	SCA-SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
2.0mm	1 M (≈ 3.3ft)	R903897	R903906	on request	R903915	R903924	on request	on request	on request	on request
	2 M (≈ 6.6ft)	R903899	R903907	on request	R903916	R903925	on request	on request	on request	on request
	3 M (≈ 9.8ft)	R903900	R903908	on request	R903918	R903926	on request	on request	on request	on request
	5 M (≈ 16.4ft)	R903901	R903911	on request	R903920	R903927	on request	on request	on request	on request
	7 M (≈ 23.0ft)	R903903	R903912	on request	R903921	R903929	on request	on request	on request	on request
	10 M (≈ 32.8ft)	R903904	R903913	on request	R903922	R903935	on request	on request	on request	on request

	Length	SCA-SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
1.6mm	1 M (≈ 3.3ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	2 M (≈ 6.6ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	3 M (≈ 9.8ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	5 M (≈ 16.4ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	7 M (≈ 23.0ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	10 M (≈ 32.8ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request

	Length	SCA-SCA	SCU-SCU	SCA-SCU	LCA-LCA	LCU-LCU	LCA-LCU	LCA-SCA	LCU-SCA	LCU-SCU
3.0mm	1 M (≈ 3.3ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	2 M (≈ 6.6ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	3 M (≈ 9.8ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	5 M (≈ 16.4ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	7 M (≈ 23.0ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request
	10 M (≈ 32.8ft)	on request	on request	on request	on request	on request	on request	on request	on request	on request

Multimode OM4 DUPLEX Fiber Optic Patch Cords LC-LC

Characteristics
- High quality interconnectivity components are the key to powerful fiber optic networks. R&M offers a complete range of optical cords and pigtails finished in a variety of cable and connector configurations.
- The cable is fully compatible with all standard cable management accessories and requires no special tools or knowledge to install.
- OM4
- All cords are assembled in accordance with ISO IEC 61753-1 and guarantee the highest quality and reliability.
- Available in a wide range of lengths, according to the customer's needs
- OFNR Fiber (Riser) / OFNP Fiber (Plenum)
- Typical IL ≤ 0.2 dB
- Patch cords: Diameter 1.2mm / 1.6mm / 2.0mm / 3.0 mm

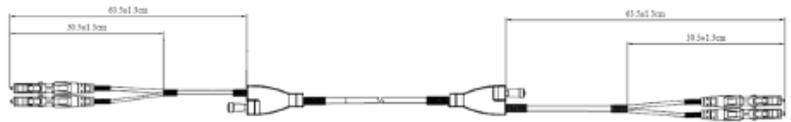| Length	1.2MM	1.6MM	2.0MM	3.0MM		1.2MM	1.6MM	2.0MM	3.0MM
1 M (≈ 3.3ft)	R880836	R897940	R892789	R897356		on request	on request	R903937	on request
1.5 M (≈ 4.9ft)	on request	R898256	R893539	R897445		on request	on request	R903938	on request
2 M (≈ 6.6ft)	R880837	R897944	R892792	R897359		on request	on request	R904107	on request
2.5 M (≈ 8.2ft)	on request	R897958	R893515	R897397		on request	on request	R904108	on request
3 M (≈ 9.8ft)	R880838	R897951	R892793	R897361		on request	on request	R904109	on request
3.5 M (≈ 11.4ft)	on request	R897959	R893520	R897398		on request	on request	R904110	on request
4 M (≈ 13.1ft)	R880839	R898257	R894562	R897448		on request	on request	R904111	on request
4.5 M (≈ 11.4ft)	on request	R898260	R894563	R897457		on request	on request	R904112	on request
5 M (≈ 16.4ft)	R880840	R897954	R892794	R897373		on request	on request	R904113	on request
6 M (≈ 19.7ft)	R880841	R898251	R893521	R897400		on request	on request	R904114	on request
7 M (≈ 23.0ft)	R880842	R897955	R892795	R897392		on request	on request	R904116	on request
7.5 M (≈ 24.6ft)	on request	R898263	R894564	R897464		on request	on request	R904117	on request
9 M (≈ 29.5ft)	R880844	R898252	R893522	R897405		on request	on request	R904118	on request
10 M (≈ 32.8ft)	R880845	R897957	R892796	R897395		on request	on request	R904119	on request
12.5 M (≈ 41.0ft)	on request	R898254	R893523	R897420		on request	on request	R904120	on request
15 M (≈ 49.2ft)	R880850	R898255	R893524	R897422		on request	on request	R904121	on request
20 M (≈ 65.6ft)	on request	R898272	R893531	R897467		on request	on request	R904122	on request
30 M (≈ 98.4ft)	on request	R898275	R893532	R897468		on request	on request	R904123	on request

RISER LCM-LCM

PLENUM LCM-LCM

LaserCate 2.0 - Tracer Patch Cords

LazerCate V2 Tracer cables by R&M are an innovative and simple solution to solving the common problem of tracing fiber optic jumper in many of todays crowded network deployments. It is a completely passive solution that requires no special tools or maintenance and can be customized to meet cabling layouts and equipment setup. By connecting a VFL to the launch cable, and then attaching to ferrule on fan-out kit, the other end will glow in red light thanks to the specially designed dust cap on the other end.

Features
- 2.0 mm Simplex main jacket, 2.0mm zip or simplex connector ends based on connector type
- G.657.A2 bend-insensitive single-mode fiber
- Available with LC Duplex, LC Duplex Uniboot Push-Pull Reversible Polarity, or SC Connector Types
- Manufactured to meet GR-326 compliance
- APC polish and other configurations available upon request

Standard breakout lengths are shown.
With these lengths, the fan-out portion is located in the vertical cable manager.
Breakout lengths can be adjusted per customer requirement.

**LC Duplex Zip
(Removable Clip)**

**LC Duplex Push-Pull
Polarity Flip w/51mm Tab**

**SC Zip
(Removable Duplex Clip)**

Criteria	Data/Value
Insertion Loss (IL)	≤ 0.20 dB (<.15 Typical)
Return Loss (RL)	≤ - 55 dB
Fiber Type	G657.A2 Singlemode
Cable	Zipcord OFNR rated - yellow jacket / blue jacket
Connector Type	LC, SC, LC Uniboot Push Pull
Polish	UPC or APC
Cable Tensile Strength	without tension: 10 x cable Ø : max tension 20x cable Ø
Cable diameter (mm)	2.0 x 4.1
Temperature Range (°C)	Installation: (14˚) -10 ˚ to 140 ˚ (60˚) / operation -4 ˚(-20˚) to 158˚ (70˚)

LaserCate 2.0

LCU-LCU Duplex Push-Pull 2m	**R854297**
LCU-LCU Duplex 2m	**R854266**
LCU-SCU 2m	**R854296**
SCU-SCU 1.2mm Blue 2m	**R854268**
LCU Duplex Push Pull - SCU 2m	**R854267**

1 Meter Launch Cable
The launch cable is recommended for workflow optimization, but fan-out ferrule may be plugged directly into 2.5mm port of VFL)

R854626