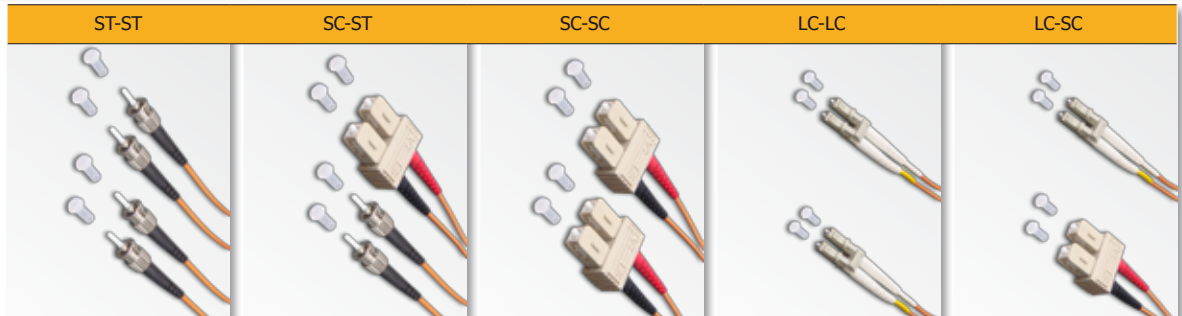
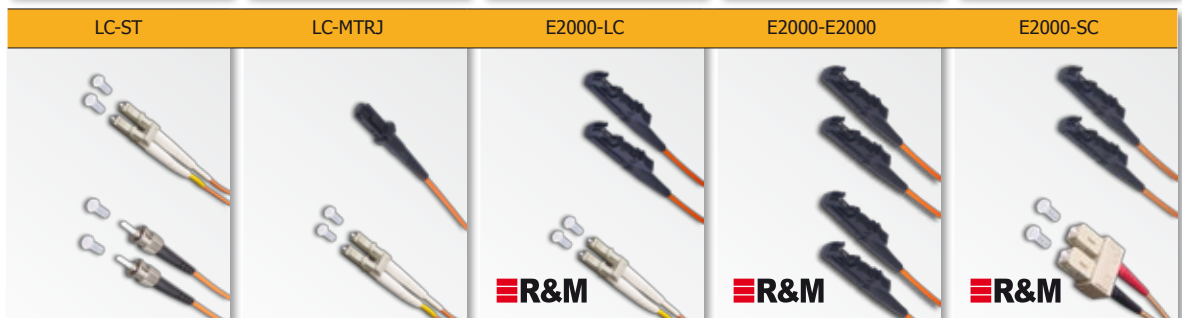
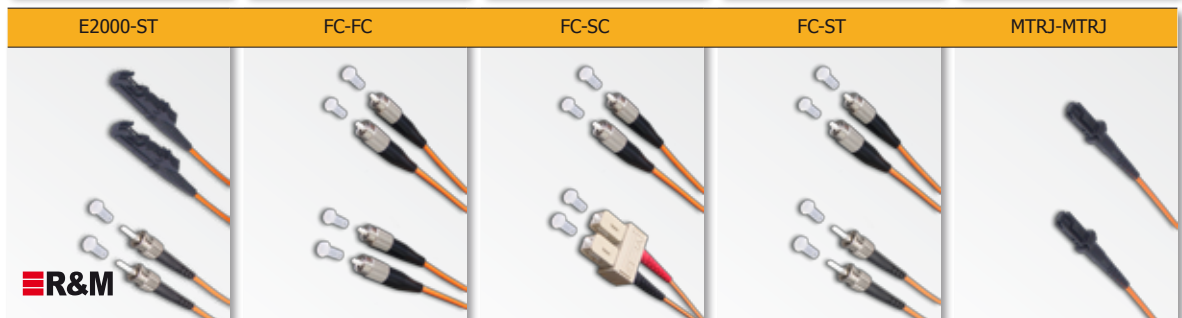




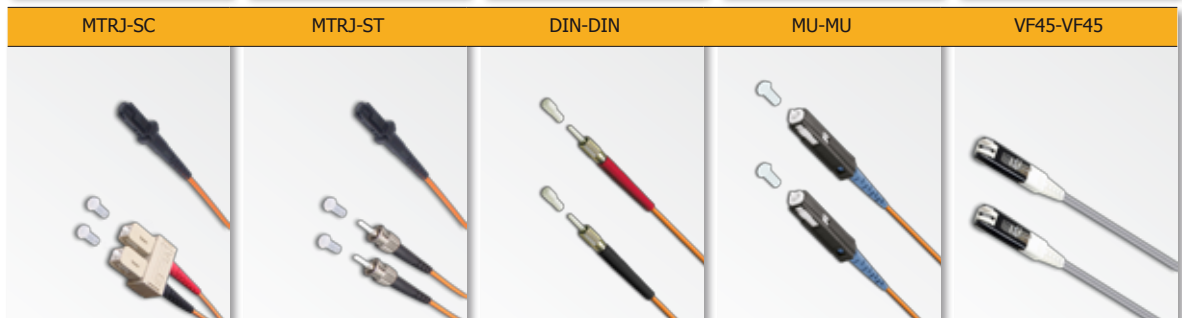
| Kabel / Cable | Art. Nr.             | Art. Nr.             | Art. Nr.             | Art. Nr.             | Art. Nr.             |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Duplex        | LDP-50 ST-ST xx.x    | LDP-50 SC-ST xx.x    | LDP-50 SC-SC xx.x    | LDP-50 LC-LC xx.x    | LDP-50 LC-SC xx.x    |
| Simplex       | LSP-50 ST-ST xx.x    | LSP-50 SC-ST xx.x    | LSP-50 SC-SC xx.x    | LSP-50 LC-LC xx.x    | LSP-50 LC-SC xx.x    |
| Flat Duplex   | LDP-50 ST-ST xx.x FD | LDP-50 SC-ST xx.x FD | LDP-50 SC-SC xx.x FD | LDP-50 LC-LC xx.x FD | LDP-50 LC-SC xx.x FD |



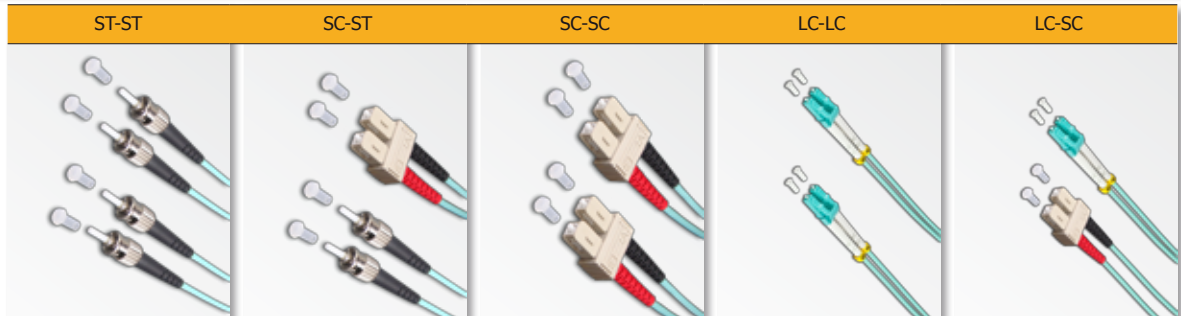
| Kabel / Cable | Art. Nr.             | Art. Nr.               | Art. Nr.             | Art. Nr.             | Art. Nr.             |
|---------------|----------------------|------------------------|----------------------|----------------------|----------------------|
| Duplex        | LDP-50 LC-ST xx.x    | LDP-50 LC-MTRJ xx.x    | LDP-50 E2-LC xx.x    | LDP-50 E2-E2 xx.x    | LDP-50 E2-SC xx.x    |
| Simplex       | LSP-50 LC-ST xx.x    | LSP-50 LC-MTRJ xx.x    | LSP-50 E2-LC xx.x    | LSP-50 E2-E2 xx.x    | LSP-50 E2-SC xx.x    |
| Flat Duplex   | LDP-50 LC-ST xx.x FD | LDP-50 LC-MTRJ xx.x FD | LDP-50 E2-LC xx.x FD | LDP-50 E2-E2 xx.x FD | LDP-50 E2-SC xx.x FD |



| Kabel / Cable | Art. Nr.             | Art. Nr.             | Art. Nr.             | Art. Nr.             | Art. Nr.                 |
|---------------|----------------------|----------------------|----------------------|----------------------|--------------------------|
| Duplex        | LDP-50 E2-ST xx.x    | LDP-50 FC-FC xx.x    | LDP-50 FC-SC xx.x    | LDP-50 FC-ST xx.x    | LDP-50 MTRJ-MTRJ xx.x    |
| Simplex       | LSP-50 E2-ST xx.x    | LSP-50 FC-FC xx.x    | LSP-50 FC-SC xx.x    | LSP-50 FC-ST xx.x    | LSP-50 MTRJ-MTRJ xx.x    |
| Flat Duplex   | LDP-50 E2-ST xx.x FD | LDP-50 FC-FC xx.x FD | LDP-50 FC-SC xx.x FD | LDP-50 FC-ST xx.x FD | LDP-50 MTRJ-MTRJ xx.x FD |



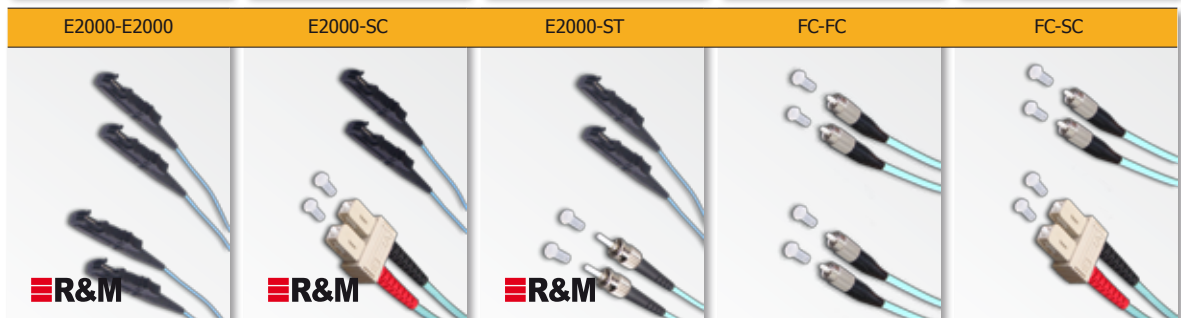
| Kabel / Cable | Art. Nr.               | Art. Nr.               | Art. Nr.                   | Art. Nr.                 | Art. Nr.                     |
|---------------|------------------------|------------------------|----------------------------|--------------------------|------------------------------|
| Duplex        | LDP-50 MTRJ-SC xx.x    | LDP-50 MTRJ-ST xx.x    | LDP-50 DIN-DIN xx.x OM3    | LDP-50 MU-MU xx.x OM3    | LDP-50 VF45-VF45 xx.x OM3    |
| Simplex       | LSP-50 MTRJ-SC xx.x    | LSP-50 MTRJ-ST xx.x    | LSP-50 DIN-DIN xx.x OM3    | LSP-50 MU-MU xx.x OM3    | LSP-50 VF45-VF45 xx.x OM3    |
| Flat Duplex   | LDP-50 MTRJ-SC xx.x FD | LDP-50 MTRJ-ST xx.x FD | LDP-50 DIN-DIN xx.x OM3 FD | LDP-50 MU-MU xx.x OM3 FD | LDP-50 VF45-VF45 xx.x OM3 FD |



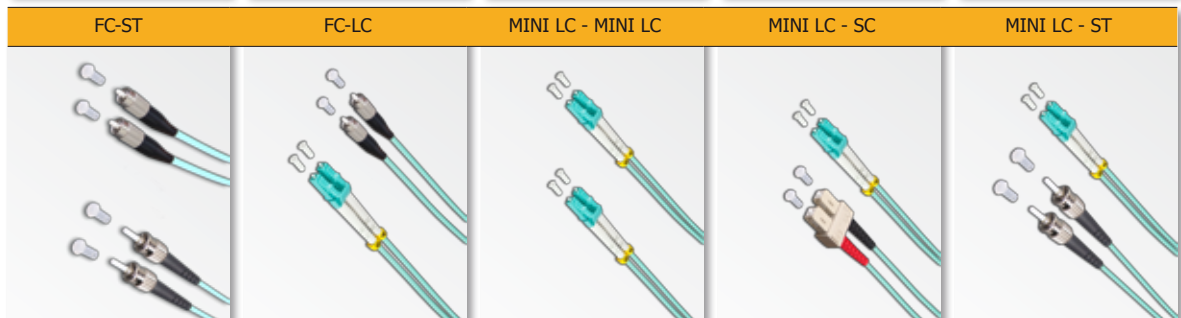
| Kabel / Cable | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 |
|---------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Duplex        | LDP-50 ST-ST xx.x OM3    | LDP-50 SC-ST xx.x OM3    | LDP-50 SC-SC xx.x OM3    | LDP-50 LC-LC xx.x OM3    | LDP-50 LC-SC xx.x OM3    |
| Simplex       | LSP-50 ST-ST xx.x OM3    | LSP-50 SC-ST xx.x OM3    | LSP-50 SC-SC xx.x OM3    | LSP-50 LC-LC xx.x OM3    | LSP-50 LC-SC xx.x OM3    |
| Flat Duplex   | LDP-50 ST-ST xx.x OM3 FD | LDP-50 SC-ST xx.x OM3 FD | LDP-50 SC-SC xx.x OM3 FD | LDP-50 LC-LC xx.x OM3 FD | LDP-50 LC-SC xx.x OM3 FD |



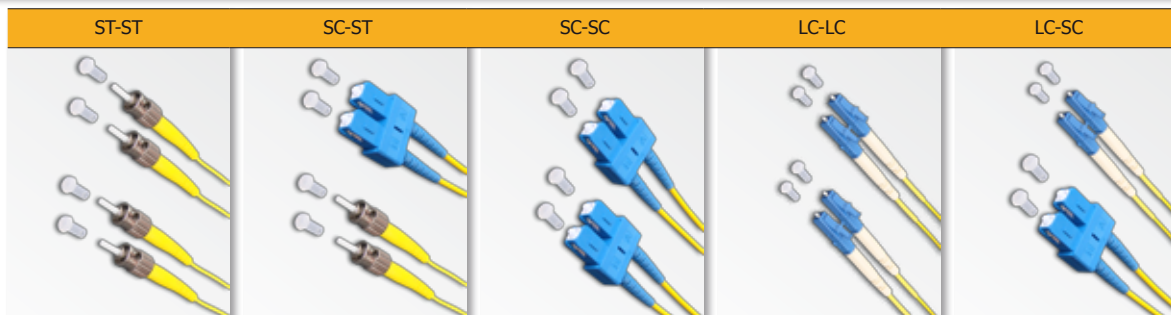
| Kabel / Cable | Art. Nr.                 | Art. Nr.                   | Art. Nr.                  | Art. Nr.                 | Art. Nr.                 |
|---------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|
| Duplex        | LDP-50 LC-ST xx.x OM3    | LDP-50 LC-MTRJ xx.x OM3    | LDP-50 LC-DIN xx.x OM3    | LDP-50 LC-MU xx.x OM3    | LDP-50 E2-LC xx.x OM3    |
| Simplex       | LSP-50 LC-ST xx.x OM3    | LSP-50 LC-MTRJ xx.x OM3    | LSP-50 LC-DIN xx.x OM3    | LSP-50 LC-MU xx.x OM3    | LSP-50 E2-LC xx.x OM3    |
| Flat Duplex   | LDP-50 LC-ST xx.x OM3 FD | LDP-50 LC-MTRJ xx.x OM3 FD | LDP-50 LC-DIN xx.x OM3 FD | LDP-50 LC-MU xx.x OM3 FD | LDP-50 E2-LC xx.x OM3 FD |



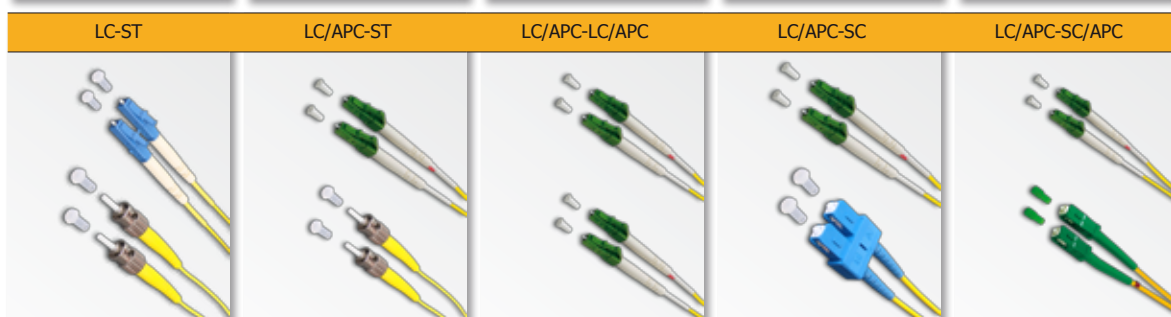
| Kabel / Cable | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 |
|---------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Duplex        | LDP-50 E2-E2 xx.x OM3    | LDP-50 E2-SC xx.x OM3    | LDP-50 E2-ST xx.x OM3    | LDP-50 FC-FC xx.x OM3    | LDP-50 FC-SC xx.x OM3    |
| Simplex       | LSP-50 E2-E2 xx.x OM3    | LSP-50 E2-SC xx.x OM3    | LSP-50 E2-ST xx.x OM3    | LSP-50 FC-FC xx.x OM3    | LSP-50 FC-SC xx.x OM3    |
| Flat Duplex   | LDP-50 E2-E2 xx.x OM3 FD | LDP-50 E2-SC xx.x OM3 FD | LDP-50 E2-ST xx.x OM3 FD | LDP-50 FC-FC xx.x OM3 FD | LDP-50 FC-SC xx.x OM3 FD |



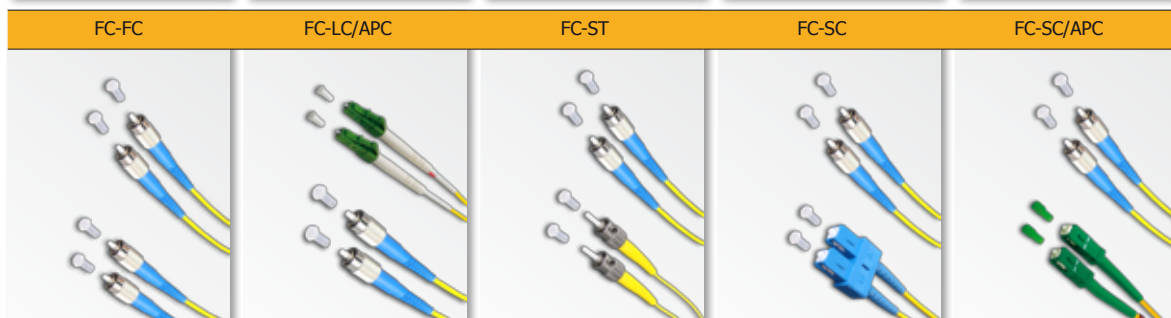
| Kabel / Cable | Art. Nr.                 | Art. Nr.                 | Art. Nr.                   | Art. Nr.                  | Art. Nr.                  |
|---------------|--------------------------|--------------------------|----------------------------|---------------------------|---------------------------|
| Duplex        | LDP-50 FC-ST xx.x OM3    | LDP-50 FC-LC xx.x OM3    | LDP-50 MLC-MLC xx.x OM3    | LDP-50 MLC-SC xx.x OM3    | LDP-50 MLC-ST xx.x OM3    |
| Simplex       | LSP-50 FC-ST xx.x OM3    | LSP-50 FC-LC xx.x OM3    | LSP-50 MLC-MLC xx.x OM3    | LSP-50 MLC-SC xx.x OM3    | LSP-50 MLC-ST xx.x OM3    |
| Flat Duplex   | LDP-50 FC-ST xx.x OM3 FD | LDP-50 FC-LC xx.x OM3 FD | LDP-50 MLC-MLC xx.x OM3 FD | LDP-50 MLC-SC xx.x OM3 FD | LDP-50 MLC-ST xx.x OM3 FD |



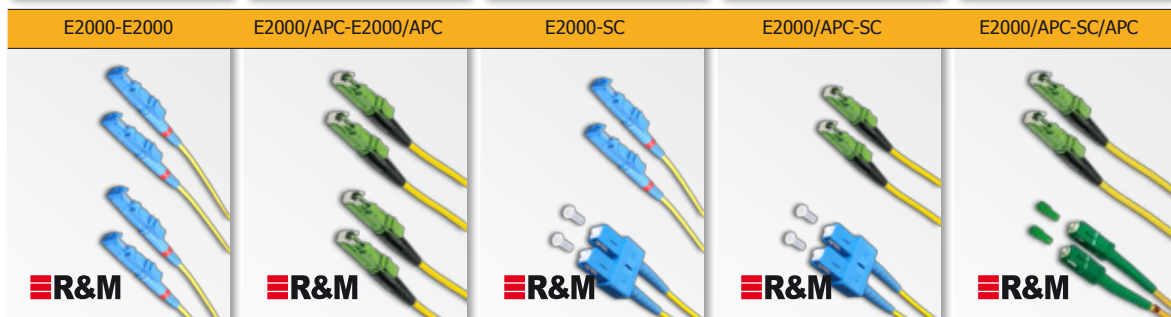
| Kabel / Cable      | Art. Nr.             | Art. Nr.             | Art. Nr.             | Art. Nr.             | Art. Nr.             |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Duplex</b>      | LDP-09 ST-ST xx.x    | LDP-09 SC-ST xx.x    | LDP-09 SC-SC xx.x    | LDP-09 LC-LC xx.x    | LDP-09 LC-SC xx.x    |
| <b>Simplex</b>     | LSP-09 ST-ST xx.x    | LSP-09 SC-ST xx.x    | LSP-09 SC-SC xx.x    | LSP-09 LC-LC xx.x    | LSP-09 LC-SC xx.x    |
| <b>Flat Duplex</b> | LDP-09 ST-ST xx.x FD | LDP-09 SC-ST xx.x FD | LDP-09 SC-SC xx.x FD | LDP-09 LC-LC xx.x FD | LDP-09 LC-SC xx.x FD |



| Kabel / Cable      | Art. Nr.             | Art. Nr.                 | Art. Nr.                     | Art. Nr.                 | Art. Nr.                     |
|--------------------|----------------------|--------------------------|------------------------------|--------------------------|------------------------------|
| <b>Duplex</b>      | LDP-09 LC-ST xx.x    | LDP-09 LC/APC-ST xx.x    | LDP-09 LC/APC-LC/APC xx.x    | LDP-09 LC/APC-SC xx.x    | LDP-09 LC/APC-SC/APC xx.x    |
| <b>Simplex</b>     | LSP-09 LC-ST xx.x    | LSP-09 LC/APC-ST xx.x    | LSP-09 LC/APC-LC/APC xx.x    | LSP-09 LC/APC-SC xx.x    | LSP-09 LC/APC-SC/APC xx.x    |
| <b>Flat Duplex</b> | LDP-09 LC-ST xx.x FD | LDP-09 LC/APC-ST xx.x FD | LDP-09 LC/APC-LC/APC xx.x FD | LDP-09 LC/APC-SC xx.x FD | LDP-09 LC/APC-SC/APC xx.x FD |



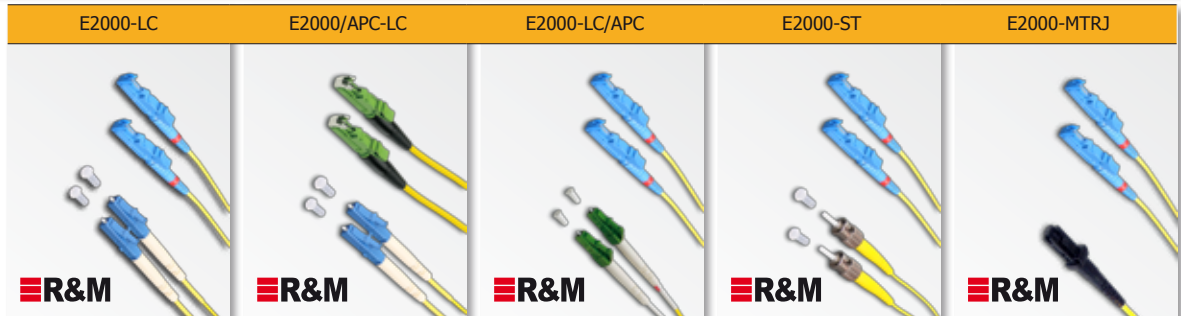
| Kabel / Cable      | Art. Nr.             | Art. Nr.                 | Art. Nr.             | Art. Nr.             | Art. Nr.                 |
|--------------------|----------------------|--------------------------|----------------------|----------------------|--------------------------|
| <b>Duplex</b>      | LDP-09 FC-FC xx.x    | LDP-09 FC-LC/APC xx.x    | LDP-09 FC-ST xx.x    | LDP-09 FC-SC xx.x    | LDP-09 FC-SC/APC xx.x    |
| <b>Simplex</b>     | LSP-09 FC-FC xx.x    | LSP-09 FC-LC/APC xx.x    | LSP-09 FC-ST xx.x    | LSP-09 FC-SC xx.x    | LSP-09 FC-SC/APC xx.x    |
| <b>Flat Duplex</b> | LDP-09 FC-FC xx.x FD | LDP-09 FC-LC/APC xx.x FD | LDP-09 FC-ST xx.x FD | LDP-09 FC-SC xx.x FD | LDP-09 FC-SC/APC xx.x FD |



| Kabel / Cable      | Art. Nr.             | Art. Nr.                     | Art. Nr.             | Art. Nr.                 | Art. Nr.                     |
|--------------------|----------------------|------------------------------|----------------------|--------------------------|------------------------------|
| <b>Duplex</b>      | LDP-09 E2-E2 xx.x    | LDP-09 E2/APC-E2/APC xx.x    | LDP-09 E2-SC xx.x    | LDP-09 E2/APC-SC xx.x    | LDP-09 E2/APC-SC/APC xx.x    |
| <b>Simplex</b>     | LSP-09 E2-E2 xx.x    | LSP-09 E2/APC-E2/APC xx.x    | LSP-09 E2-SC xx.x    | LSP-09 E2/APC-SC xx.x    | LSP-09 E2/APC-SC/APC xx.x    |
| <b>Flat Duplex</b> | LDP-09 E2-E2 xx.x FD | LDP-09 E2/APC-E2/APC xx.x FD | LDP-09 E2-SC xx.x FD | LDP-09 E2/APC-SC xx.x FD | LDP-09 E2/APC-SC/APC xx.x FD |

Lightwin

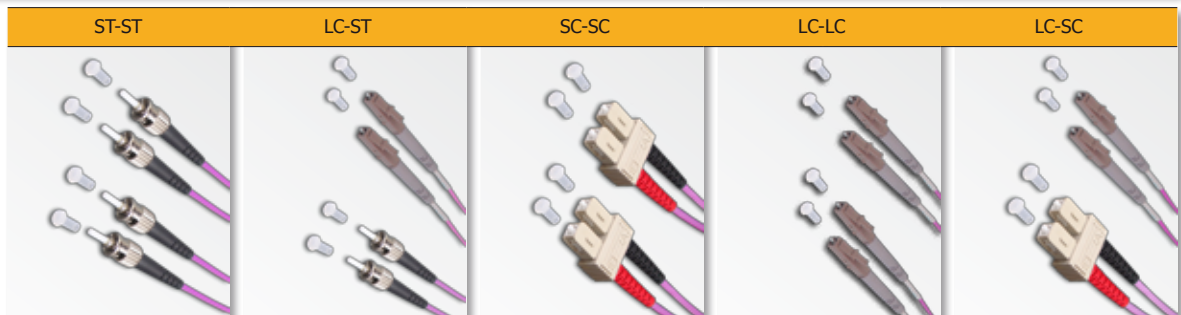
Patchkabel Singlemode OS1 / OS2  
Patchcords Singlemode OS1 / OS2



| Kabel / Cable | Art. Nr.             | Art. Nr.                 | Art. Nr.                 | Art. Nr.             | Art. Nr.               |
|---------------|----------------------|--------------------------|--------------------------|----------------------|------------------------|
| Duplex        | LDP-09 E2-LC xx.x    | LDP-09 E2/APC-LC xx.x    | LDP-09 E2-LC/APC xx.x    | LDP-09 E2-ST xx.x    | LDP-09 E2-MTRJ xx.x    |
| Simplex       | LSP-09 E2-LC xx.x    | LSP-09 E2/APC-LC xx.x    | LSP-09 E2-LC/APC xx.x    | LSP-09 E2-ST xx.x    | LSP-09 E2-MTRJ xx.x    |
| Flat Duplex   | LDP-09 E2-LC xx.x FD | LDP-09 E2/APC-LC xx.x FD | LDP-09 E2-LC/APC xx.x FD | LDP-09 E2-ST xx.x FD | LDP-09 E2-MTRJ xx.x FD |

Lightwin

Patchkabel Multimode OM4  
Patchcords Multimode OM4



| Kabel / Cable | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 | Art. Nr.                 |
|---------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Duplex        | LDP-50 ST-ST xx.x OM4    | LDP-50 LC-ST xx.x OM4    | LDP-50 SC-SC xx.x OM4    | LDP-50 LC-LC xx.x OM4    | LDP-50 LC-SC xx.x OM4    |
| Simplex       | LSP-50 ST-ST xx.x OM4    | LSP-50 LC-ST xx.x OM4    | LSP-50 SC-SC xx.x OM4    | LSP-50 LC-LC xx.x OM4    | LSP-50 LC-SC xx.x OM4    |
| Flat Duplex   | LDP-50 ST-ST xx.x OM3 F4 | LDP-50 LC-ST xx.x OM4 FD | LDP-50 SC-SC xx.x OM4 FD | LDP-50 LC-LC xx.x OM4 FD | LDP-50 LC-SC xx.x OM4 FD |

Lightwin

Sonderwünsche Patchkabel  
Special wishes Patchcords

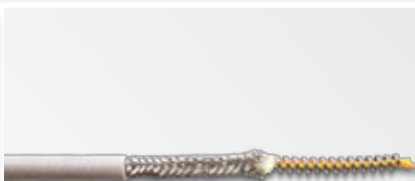


#### Kundenwünsche:

- Andere Steckerfarben
- Andere Clipfarben
- Andere Kabelfarben
- Andere Kabelstärken wie z.B.: 1,8mm Kabel
- OTDR Messungen bei jedem Kabel

#### Customer wishes:

- Different connector colours
- Different clip colours
- Different cable colours
- Different cable dimension. F.e.: 1,8mm cable
- OTDR measurement for every cable



#### Trittfeste Industriepatchkabel

- Trittfeste Duplex Patchkabel
- Edelstahl Spiralwendel und Edelstahl Geflecht für hohen mechanischen Schutz
- Nagetierbeständig
- Hoher Querdruck und hohe Zugfestigkeit

#### Non crushabel Patchcords

- Non-crushable patchcords
- Stainless steel spiral coil and stainless steel braid for high mechanical protection
- Rodent resistant
- High lateral pressure- and strain relief



#### Trittfeste Industriepatchkabel

- Fertige Patchkabel mit montierter 90° Tülle
- Bessere und einfachere Kabelführung bei hohen Portdichten und Bodentanks
- Verhindert unbeabsichtigtes Knicken der Kabel
- Verschiedene Steckerkombinationen möglich

#### Non crushabel Patchcords

- Ready assembled patchcords with 90° boots
- Due to the 90° angled cable ends on the plug the tolerable bend radius, especially at very tight areas, is not under-run
- Optimal for floor tanks
- Different connector combinations available on request