

FIBER OPTIC CABLE ASSEMBLIES



ECO RANGE

PIGTAILS

| | | | |
|-----------------------------------------------------------------------------------------------------------|--|--|--|
| Set of 12 colored pigtails / 900µm / 2 meters length | | | |
| Color buffer : RED / GREEN / BLUE / YELLOW / WHITE / GREY / BROWN / PURPLE / AQUA / BLACK / ORANGE / PINK | | | |

| Connector | Fiber type | Part Number |
|-----------|--------------------|----------------|
| SCUPC | Singlemode 9/125 | ESC9X12C09S2M |
| SCAPC | Singlemode 9/125C | ESCA9X12C09S2M |
| SC | Multimode 50/125 | ESC50X12C09S2M |
| SC | Multimode 62,5/125 | ESC62X12C09S2M |
| LCUPC | Singlemode 9/125 | ELC9X12C09S2M |
| LCAPC | Singlemode 9/125C | ELCA9X12C09S2M |
| LC | Multimode 50/125 | ELC50X12C09S2M |
| LC | Multimode 62,5/125 | ELC62X12C09S2M |

| | | | |
|----------------------------------------|--|--|--|
| Unit pigtail / 900µm / 2 meters length | | | |
|----------------------------------------|--|--|--|

| Connector | Color buffer | Fiber type | Part Number |
|-----------|--------------|--------------------|-------------|
| LC | green | Multimode 50/125 | ELC50XC092M |
| LC | blue | Multimode 62,5/125 | ELC62XC092M |
| LCUPC | yellow | Singlemode 9/125 | ELC9XC092M |
| LCAPC | yellow | Singlemode 9/125 | ELCA9XC092M |
| SC | green | Multimode 50/125 | ESC50XC092M |
| SC | blue | Multimode 62,5/125 | ESC62XC092M |
| SCUPC | yellow | Singlemode 9/125 | ESC9XC092M |
| SCAPC | yellow | Singlemode 9/125 | ESCA9XC092M |
| ST | green | Multimode 50/125 | EST50XC092M |
| ST | blue | Multimode 62,5/125 | EST62XC092M |
| ST | yellow | Singlemode 9/125 | EST9XC092M |

ADAPTORS

SC

| Part number | Alignment sleeve | Color (for plastic shells) | type |
|-------------|------------------|----------------------------|---------|
| EF728703800 | PH/BR | beige | simplex |
| EF728703000 | Ceraluc | blue | simplex |
| EF728703100 | Ceramic | b-green | simplex |
| EF728743800 | PH/BR | beige | duplex |
| EF728743000 | Ceraluc | blue | duplex |
| EF728743100 | Ceramic | B-green | duplex |

LC

| Part number | Alignment sleeve | Color (for plastic shells) | type | |
|-------------|------------------|----------------------------|--------|---------|
| EF727752800 | PH/BR | beige | duplex | SC |
| EF727752000 | CERAM | blue | duplex | SC |
| EF727751802 | PH/BR | beige | duplex | RJ45/LP |

ST

| Part number | Alignment sleeve | Color (for plastic shells) | type |
|-------------|------------------|----------------------------|---------|
| EF709722000 | PH/BR | | simplex |
| EF709730000 | CERAM | | simplex |



DUPLEX PATCHCORDS

| Connector | Length (meters) | LC / LC DUPLEX Multimode 50/125 Cable 2x2mm dia | LC / LCDUPLEX Multimode 62,5/125 Cable 2x2mm dia | LCUPC / LCUPC DUPLEX Singlemode 9/125 Cable 2x2mm dia | LCAPC / LCAPC DUPLEX Singlemode 9/125 Cable 2x2mm dia |
|-----------|-----------------|-------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| LC to LC | 1 | ELC50LCC2D1M | ELC62LCC2D1M | ELC9LCC2D1M | ELCA9LCAC2D1M |
| | 2 | ELC50LCC2D2M | ELC62LCC2D2M | ELC9LCC2D2M | ELCA9LCAC2D2M |
| | 3 | ELC50LCC2D3M | ELC62LCC2D3M | ELC9LCC2D3M | ELCA9LCAC2D3M |
| | 5 | ELC50LCC2D5M | ELC62LCC2D5M | ELC9LCC2D5M | ELCA9LCAC2D5M |
| | 10 | ELC50LCC2D10M | ELC62LCC2D10M | ELC9LCC2D10M | ELCA9LCAC2D10M |
| | 15 | ELC50LCC2D15M | ELC62LCC2D15M | ELC9LCC2D15M | ELCA9LCAC2D15M |

| Connector | Length (meters) | SC/SCDUPLEX Multimode 50/125 Cable 2x3mm dia | SC/SC DUPLEX Multimode 62,5/125 Cable 2x3mm dia | SCUPC / SCUPC DUPLEX Singlemode 9/125 Cable 2x3mm dia | SCAPC / SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia |
|-----------|-----------------|----------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| SC to SC | 1 | ESC50SCC3D1M | ESC62SCC3D1M | ESC9SCC3D1M | ESCA9SCAC3D1M |
| | 2 | ESC50SCC3D2M | ESC62SCC3D2M | ESC9SCC3D2M | ESCA9SCAC3D2M |
| | 3 | ESC50SCC3D3M | ESC62SCC3D3M | ESC9SCC3D3M | ESCA9SCAC3D3M |
| | 5 | ESC50SCC3D5M | ESC62SCC3D5M | ESC9SCC3D5M | ESCA9SCAC3D5M |
| | 10 | ESC50SCC3D10M | ESC62SCC3D10M | ESC9SCC3D10M | ESCA9SCAC3D10M |
| | 15 | ESC50SCC3D15M | ESC62SCC3D15M | ESC9SCC3D15M | ESCA9SCAC3D15M |

| Connector | Length (meters) | ST/ST DUPLEX M ultimode 50/125 Cable 2x3mm dia | ST/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia | ST/ST DUPLEX Singlemode 9/125 Cable 2x3mm dia |
|-----------|-----------------|------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| ST to ST | 1 | EST50STC3D1M | EST62STC3D1M | EST9STC3D1M |
| | 2 | EST50STC3D2M | EST62STC3D2M | EST9STC3D2M |
| | 3 | EST50STC3D3M | EST62STC3D3M | EST9STC3D3M |
| | 5 | EST50STC3D5M | EST62STC3D5M | EST9STC3D5M |
| | 10 | EST50STC3D10M | EST62STC3D10M | EST9STC3D10M |
| | 15 | EST50STC3D15M | EST62STC3D15M | EST9STC3D15M |

| Connector | Length (meters) | SC/ST DUPLEX Multimode 50/125 Cable 2x3mm dia | SC/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia | SCUPC/ST DUPLEX Singlemode Cable 2x3mm dia |
|-----------|-----------------|-----------------------------------------------------|-------------------------------------------------------|--------------------------------------------------|
| SC to ST | 1 | ESC50STC3D1M | ESC62STC3D1M | ESC9STC3D1M |
| | 2 | ESC50STC3D2M | ESC62STC3D2M | ESC9STC3D2M |
| | 3 | ESC50SCC3D3M | ESC62STC3D3M | ESC9STC3D3M |
| | 5 | ESC50STC3D5M | ESC62STC3D5M | ESC9STC3D5M |
| | 10 | ESC50STC3D10M | ESC62STC3D10M | ESC9STC3D10M |
| | 15 | ESC50STC3D15M | ESC62STC3D15M | ESC9STC3D15M |

| Connector | Length (meters) | SC/LC DUPLEX Multimode 50/125 Cable 2x2mm dia | SC/LC DUPLEX Multimode 62,5/125 Cable 2x2mm dia | SCUPC/LCUPC DUPLEX Singlemode 9/125 Cable 2x2mm dia |
|-----------|-----------------|-----------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|
| SC to LC | 1 | ESC50LCC2D1M | ESC62LCC2D1M | ESC9LCC2D1M |
| | 2 | ESC50LCC2D2M | ESC62LCC2D2M | ESC9LCC2D2M |
| | 3 | ESC50LCC2D3M | ESC62LCC2D3M | ESC9LCC2D3M |
| | 5 | ESC50LCC2D5M | ESC62LCC2D5M | ESC9LCC2D5M |
| | 10 | ESC50LCC2D10M | ESC62LCC2D10M | ESC9LCC2D10M |
| | 15 | ESC50LCC2D15M | ESC62LCC2D15M | ESC9LCC2D15M |

| Connector | Length (meters) | SCUPC/SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia |
|----------------|-----------------|-----------------------------------------------------------|
| SCUPC to SCAPC | 1 | ESC9SCA3CD1M |
| | 2 | ESC9SCA3CD2M |
| | 3 | ESC9SCA3CD3M |
| | 5 | ESC9SCA3CD5M |
| | 10 | ESC9SCA3CD10M |
| | 15 | ESC9SCA3CD15M |

SIMPLEX PATCHCORDS

| Connector | Length (meters) | LC / LCSIMPLEX Multimode 50/125 Cable 2x2mm dia | LC / LC SIMPLEX Multimode 62,5/125 Cable 2x2mm dia | LCUPC / LCUPC SIMPLEX Singlemode 9/125 Cable 2x2mm dia | LCAPC / LCAPC SIMPLEX Singlemode 9/125 Cable 2x2mm dia |
|-----------|-----------------|-------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| LC to LC | 1 | ELC50LCC2S1M | ELC62LCC2S1M | ELC9LCC2S1M | ELCA9LCAC2S1M |
| | 2 | ELC50LCC2S2M | ELC62LCC2S2M | ELC9LCC2S2M | ELCA9LCAC2S2M |
| | 3 | ELC50LCC2S3M | ELC62LCC2S3M | ELC9LCC2S3M | ELCA9LCAC2S3M |
| | 5 | ELC50LCC2S5M | ELC62LCC2S5M | ELC9LCC2S5M | ELCA9LCAC2S5M |
| | 10 | ELC50LCC2S10M | ELC62LCC2S10M | ELC9LCC2S10M | ELCA9LCAC2S10M |
| | 15 | ELC50LCC2S15M | ELC62LCC2S15M | ELC9LCC2S15M | ELCA9LCAC2S15M |

| Connector | Length (meters) | SC/SC SIMPLEX Multimode 50/125 Cable 2x3mm dia | SC/SC DUPLEX Multimode 62,5/125 Cable 2x3mm dia | SCUPC / SCUPC DUPLEX Singlemode 9/125 Cable 2x3mm dia | SCAPC / SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia |
|-----------|-----------------|------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| SC to SC | 1 | ESC50SCC3S1M | ESC62SCC3S1M | ESC9SCC3S1M | ESCA9SCAC3S1M |
| | 2 | ESC50SCC3S2M | ESC62SCC3S2M | ESC9SCC3S2M | ESCA9SCAC3S2M |
| | 3 | ESC50SCC3S3M | ESC62SCC3S3M | ESC9SCC3S3M | ESCA9SCAC3S3M |
| | 5 | ESC50SCC3S5M | ESC62SCC3S5M | ESC9SCC3S5M | ESCA9SCAC3S5M |
| | 10 | ESC50SCC3S10M | ESC62SCC3S10M | ESC9SCC3S10M | ESCA9SCAC3S10M |
| | 15 | ESC50SCC3S15M | ESC62SCC3S15M | ESC9SCC3S15M | ESCA9SCAC3S15M |

| Connector | Length (meters) | ST/ST DUPLEX M Multimode 50/125 Cable 2x3mm dia | ST/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia | ST/ST DUPLEX Singlemode 9/125 Cable 2x3mm dia |
|-----------|-----------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|
| ST to ST | 1 | EST50STC3S1M | EST62STC3S1M | EST9STS3S1M |
| | 2 | EST50STC3S2M | EST62STC3S2M | EST9STS3S2M |
| | 3 | EST50STC3S3M | EST62STC3S3M | EST9STS3S3M |
| | 5 | EST50STC3S5M | EST62STC3S5M | EST9STS3S5M |
| | 10 | EST50STC3S10M | EST62STC3S10M | EST9STS3S10M |
| | 15 | EST50STC3S15M | EST62STC3S15M | EST9STS3S15M |

| Connector | Length (meters) | SC/ST DUPLEX Multimode 50/125 Cable 2x3mm dia | SC/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia | SCUPC/ST DUPLEX Singlemode Cable 2x3mm dia |
|-----------|-----------------|-----------------------------------------------|-------------------------------------------------|--------------------------------------------|
| SC to ST | 1 | ESC50STC3S1M | ESC62STC3S1M | ESC9STC3S1M |
| | 2 | ESC50STC3S2M | ESC62STC3S2M | ESC9STC3S2M |
| | 3 | ESC50STC3S3M | ESC62STC3S3M | ESC9STC3S3M |
| | 5 | ESC50STC3S5M | ESC62STC3S5M | ESC9STC3S5M |
| | 10 | ESC50STC3S10M | ESC62STC3S10M | ESC9STC3S10M |
| | 15 | ESC50STC3S15M | ESC62STC3S15M | ESC9STC3S15M |

| Connector | Length (meters) | SC/LC DUPLEX Multimode 50/125 Cable 2x2mm dia | SC/LC DUPLEX Multimode 62,5/125 Cable 2x2mm dia | SCUPC/LCUPC DUPLEX Singlemode 9/125 Cable 2x2mm dia |
|-----------|-----------------|-----------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| SC to LC | 1 | ESC50LCC2S1M | ESC62LCC2S1M | ESC9LCC2S1M |
| | 2 | ESC50LCC2S2M | ESC62LCC2S2M | ESC9LCC2S2M |
| | 3 | ESC50LCC2S3M | ESC62LCC2S3M | ESC9LCC2S3M |
| | 5 | ESC50LCC2S5M | ESC62LCC2S5M | ESC9LCC2S5M |
| | 10 | ESC50LCC2S10M | ESC62LCC2S10M | ESC9LCC2S10M |
| | 15 | ESC50LCC2S15M | ESC62LCC2S15M | ESC9LCC2S15M |

| Connector | Length (meters) | SCUPC/SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia |
|----------------|-----------------|-----------------------------------------------------|
| SCUPC to SCAPC | 1 | ESC9SCA3CS1M |
| | 2 | ESC9SCA3CS2M |
| | 3 | ESC9SCA3CS3M |
| | 5 | ESC9SCA3CS5M |
| | 10 | ESC9SCA3CS10M |
| | 15 | ESC9SCA3CS15M |

General

| | SC | LC | ST |
|----------------------|-------------|--------------|-------------|
| Connector standard | IEC 61754-4 | IEC 61754-20 | IEC 1754-2 |
| Duplex clip | Removable | Removable | - |
| Mechanical endurance | 200 matings | 200 matings | 500 matings |

Cable structure

| Cable | 2mm/3mm cable dia. | 900µm buffer |
|-------|--------------------|--------------|
| | Tight | Loose |

Optical, environmental and mechanical performance

| | | | |
|----------------------------------------------------------------------|-------------------------|--------------------------|--------------------------|
| Insertion loss (mated with reference plug according to IEC61300-3-4) | 0.5 dB | | |
| Return losses | Multimode PC > 20 dB | Singlemode UPC > 50dB | Singlemode APC > 60dB |
| Temperature range (storage and operating) | - 20°C / +70°C | | |
| Cable retention | Buffer : 7N | 2mm cable : 68 N | 3mm cable : 100 N |

Identification color boots

| | Simplex | | | Duplex | | |
|----|-----------|----------------|----------------|-------------|----------------|----------------|
| | Multimode | Singlemode UPC | Singlemode APC | Multimode | Singlemode UPC | Singlemode APC |
| LC | Beige | Blue | Green | Black / Red | Black / Blue | Black / Green |
| SC | Beige | Blue | Green | Black / Red | Black / Blue | Black / Green |
| ST | Black | Blue | - | Black / Red | Black / Red | - |



AEROSPACE



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JONHON

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